SUBJECT INDEX—ABSTRACTS—VOLUME 95

ABDOMEN, Open omphalomesenteric duct, 29; torsion, infarction, and hemorrhage of omentum as cause of acute distress of, 43; 127 penetrating wounds of, 44; ruptured endometrial cysts as cause of acute abdominal symptoms (endometrial pelviperitonitis), 45; recent advances in surgery of inguinal hernia, 139; formation of inclusion dermoid cysts following whole-thickness skin-graft repair of hernia, 140; results of primary inguinal hernioplasty, 140; congenital enteroumbilical fistula due to patent vitelline duct, 140; trauma as factor in inguinal hernia, 251; femoral hernia, 251; pericolic membranes, appendicitis, and pseudoappendicitis, 256; nonpenetrating trauma of, with reference to lesions of duodenum and pancreas, 264; intestinal obstruction; physiopathology, diagnosis, and treatment, 347; use of tantalum wire and mesh for plastic repair of, 457; mesenteric thrombosis following blunt trauma of, 555; wounds of, in jungle warfare, 565

Abducens nerve, Paresis of, following spinal anesthesia, 400

Abnormalities, Pregnancy associated with congenital, of female reproductive tract, 481

Abortion, Habitual, 53; trends in therapeutic; review of 137 cases, 53; do attempts at, lead to deformities, 486

Abscess, Treatment of residual pulmonary cavities after, 17; embolic liver, following acute appendicitis, 36; combined surgery and chemotherapy of abscesses in bone and joint tuberculosis; early results, 500; surgical interventions on paravertebral tuberculous, 500; treatment of, associated with spinal tuberculosis, 580

Acacia, Plasma expanders; collective review, 521

Acetabulum, Intrapelvic prominences of floor of hip socket in adults, with special discussion of protrusion of, 73

Achlorhydria following gastric resection, 460

Actinomycosis, Treatment of cervicofacial, with regard to penicillin therapy, 239

Adamantinoma, 231

Adenocarcinoma, Of endometrium; clinicopathologic study, 475; primary, of cervix, 567

Adenochondroma, Five cases of, of lung, 128

Adenoma, Bronchial, treated by local resection and reconstruction of left main bronchus, 128; bronchial; polypoid tumors of slow evolution, 335; so-called bronchial, are epitheliomas with modified stroma; indications of bronchial tumor with myoepithelial cells, 336; carcinoma arising in, of colon and rectum, 349; bronchial, 449; islet cell, of pancreas, 563

Adrenalectomy, Bilateral total, in malignant hypertension and chronic nephritis; preliminary report, 488

Adrenal gland, Surgical treatment of hyperfunctioning lesions of, 175; retropneumoperitoneum applied to study of, 202; negative benzodioxane test in presence of pheochromocytoma, 279; carcinoma of cortex of, with endocrine manifestations, 279; functional evaluation of cortex of, in newborn, 311; mixed disease of, in infancy, 367; pheochromocytoma; diagnosis and treatment, 367; carcinoma of cortex of, in children, 367; pheochromocytoma; case report of successful thoracoabdominal operation after 9 negative surgical explorations, 487; surgery of, 487

Adrenocorticotrophic hormone (ACTH), Effect of donor skin desensitization and, on survival of skin homografts in rabbits, 94; effect of, on autogenous and homologous skin grafts in rabbits, 208; effect of, on survival of homografts, 404; surgical use of, and cortisone, 517

Air evacuation, Medical, in Korea and its influence on future, 591

Alcohol, Placental blood plus, introduced as transfusion therapy in Poland, 503

Alkalosis, Postoperative potassium deficit and metabolic; pathogenic significance of operative trauma and of potassium and phosphorus deprivation, 507

Allergy, Aural manifestations of, 325

Aluminum gels with constant phosphorus intake for control of renal phosphatic calculi, 491

Alveolus, Treatment of tumors of inferior, and mandible, 427; tumor of, of lung, 448

Amenorrhea, Endocrine therapy in treatment of functional, and functional oligohypomenorrhea, 270

Amines, Experimental study of cancerogenic potency of aromatic amines, 206

Ammonia, Role of reabsorption of, in acid-base imbalance following ureterosigmoidostomy, 62

Amniotic fluid, Study of circulation of, in man, 173; nonfatal case of embolism of, 365

Amputees, Rehabilitation of, 81

Amylase, Serum levels of, in experimental pancreatitis, 357

Anemia, Disappearance of tetany and, after resection of blind loop of intestine, 146; etiopathogenesis of, in diaphragmatic hernia of stomach, 252

Anesthesia, Preliminary report on use of methonium compounds and general, in ophthalmic surgery, 5; extradural spinal, according to Buchholz and Lesse in urologic operations and comparison of its results with those of peridural, 67; physiological trespass in, 193; artificial hibernation, 194; artificial hibernation; new practical details and latest results, 194; by controlled inhibition of autonomic nervous system, 194; techniques in pediatric; nonrebreathing method, 195; experiences in use of general, for corrective rhinoplasty, 195; present position of, for thoracic surgery, 195; T-piece technique for general inhalational, 196; prevention of headache following spinal; use of epidural saline; preliminary report, 196; modern trends in obstetrical, 275; cardiac arrest, 297; chemical, histopathological, and electroencephalographic basis of dynamic theory of general, 298; considerations of controlled hypotension in course of, 300; bloodless surgery by means of controlled circulation, 300; for long or technically difficult ophthalmologic and otolaryngologic surgical procedures, 301; circulatory factors affecting, in surgery for congenital heart disease, 301; metabolic effects of, in man, 302; general, in open thorax surgery, 399; paresis of abducens nerve following spinal, 400; pharmacologic study of new analgesic, dihydrone pectinate, in human and veterinary medicine, 401; estensive necrosis of skin and subcutaneous tissue after local, with usual novocain-adrenalin solution, 401; place of leather-soled shoes in prevention of explosions during, 401; for surgical correction of cardiorespiratory anomalies, 402; preparation for bronchiography and local, of bronchial tree, 442; continuous caudal, in labor, 483

Aneurysms, Treatment of, of aorta by wrapping them with polythene cellophane; 2 personal observations, 22; intrasaccular wiring of abdominoarteriosclerotic aortic, by Pack method, 84; vein inlay graft in treatment of, and thrombosis of abdominal aorta, 85; accidental incision of, of left common carotid artery, 87; electroencephalographic observations in cases of, and arteriovenous fistula of head and neck, 293; use of preserved

infant's aorta in treatment of popliteal, 294; surgical treatment of arteriosclerotic, of abdominal aorta, 294; traumatic arteriovenous fistulas and, in war wounded, 388; carotid-cavernous, 547; surgical considerations of intrathoracic, of aorta and great vessels, 552; nontraumatic arterial, of extremities, 588
Angiography, Possibilities of, of liver; visualization of portal system, 201
Ankle, Arthrodesis of, by springs, 77; fractures of, 501; traumatic necrosis of talus, 581
Anomalies, Congenital, of aortic arch, 133; congenital osseous, of carpus; synostosis congenita bilaterale of semilunar and pyramidal bones, 377; anesthesia for surgical correction of cardiorespiratory, 402
Anosigmoidoscopy, Value of routine, as diagnostic procedure in general practice, 154
Anoxia, Congenital malformations of eye induced in mice by maternal, 232; fetal, 484
Antibiotics, Toxic suppuration of lungs and endobronchial therapy with, 335; chemotherapy and, in surgical infections, 398; sulfonamides and, in trachoma, 429; bacteria of ocular flora producing, 429; treatment of postirradiation infection with; experimental study on mice, 516; why are, ineffective against viral infections, 597
Antitoxin, Serum polyneuritis following tetanus, with unusual localization of paralysis and late injury, 399
Anus, Granulomatous lesions of region of, and rectum, 38; canal of, and rectum, 153; surgical management of congenital malformations of, and rectum, 153; value of routine anosigmoidoscopy as diagnostic procedure in general practice, 154; construction of rectal sphincter and restoration of continence by transplanting gracilis muscle, 562
Aorta, Treatment of aneurysms of, by wrapping them with polythene cellophane; 2 personal observations, 22; intrasaccular wiring of abdominoarteriosclerotic aneurysms of, by Pack method, 84; vein inlay graft in treatment of aneurysms and thrombosis of abdominal, 85; congenital anomalies of arch of, 133; double arch of, 133; laceration of, 134; use of preserved infant's, in treatment of popliteal aneurysm, 294; surgical treatment of arteriosclerotic aneurysms of abdominal, 294; thoracic aortography; its value in patent ductus arteriosus and coarctation of, 303; unusual variant of double arch of, 340; surgical treatment of stenosis of, 340; thrombotic occlusion of, as demonstrated by translumbar aortograms, 406; surgical considerations of intrathoracic aneurysms of, and great vessels, 552
Aortography, Direct and retrograde, 84
Apicolysis, Actual status of extrafascial, in surgical treatment of pulmonary tuberculosis, 443
Appendicitis, In childhood, 35; embolic liver abscess following acute, 36; results obtained in treatment of acute, 152; pericolic membranes, pseudoappendicitis and, 256; biometeorologic effect on genesis of, 348; acute, in infants, 462; during first 2 years of life, 462
Arm, Nonthrombotic obstruction of venous circulation of upper; therapeutic value of venoclysis and perivenous sympathectomy; Paget-Schroetter's syndrome, 389; radiohumeral synovitis, 497
Arteries, Physiology and relief of traumatic spasm of, 86; bronchial; their role in pulmonary embolism and infarction, 127; malignant hypertension with unilateral occlusion of renal, 175; collateral circulation following ligation of right subclavian, 187; regional heparinization after thromboendarteriectomy in treatment of obliterative disease of, 188; ligation of common hepatic, in treatment of cirrhosis; first personal results, 258; motor innervation of large, 293; experimental studies with transfusion into, 296; translumbar arteriography; its roentgenologic interpretation, 306; case of isolated congenital stenosis of pulmonary, 340; use of tubes constructed from vinyon "N" cloth in bridging defects in, 391; further observations on use of temporary polythene shunts and frozen homologous graft replacement of major segments of, in traumatic and malignancy surgery, 391; preservation of grafts of, by freezing, 392; factors influencing filling of anterior cerebral, in arteriography, 405; medical and surgical treatment of permanent hypertension of, 439; cystic pulmonary sequestration with abnormal, of aortic origin; 6 case reports, 442; experimental studies regarding ligature of hepatic, and anastomosis between hepatic, and portal vein, 467; supply of blood to male urinary bladder, 493; early results following therapeutic ligation of hepatic, 562; endarteriectomy, or surgical restoration of lumen of obstructed, in arteriosclerosis obliterans, 588; heterogeneous grafts of, 588
Arteriography, Technique of translumbar, 86
Arteriosclerosis obliterans, Role of sympathectomy in, 188; endarteriectomy, or surgical restoration of lumen of obstructed artery in, 588
Arthritis, Rehabilitation of hand function in rheumatoid, 510
Arthroplasty, Fascial, of knee, 184
Ascites, Experimental; its production and control, 599
Ascitic fluid, Plasma expanders; collective review, 521
Asphyxia, Of newborn, 55; pathology of fetal and neonatal, 483
Aspiration and pneumonia due to, 591
Atabrine Use of sodium fluorescein and, in diagnosis of tumors, 205
Atomic warfare, Mass treatment of burns in, 397
Audiology, Symposium on, 6
Auditory canal, Congenital atresia of; two-stage operation with fenestration, 235
Aureomycin, Terramycin and, in surgical infections; report of 200 cases, 509

BACK, Lame; some common causes and conservative treatment, 72
Ballistocardiogram in constrictive pericarditis before and after pericardiectomy, 23
Banthine, Treatment of experimental acute pancreatitis with, 357
Bile, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; lipid constituents of normal, 260
Bile ducts, Experimental use of free arterial and split-thickness skin grafts for bridging defects in common, of dog, 42; substitution of extrahepatic, with polyethylene tubes, 43; recurrent cancer of common, and periampullary region, 159; fibrotic stenosis of terminal common, 261; treatment of choledochoduodenal fistulas due to ulcer, 353; liver protection therapy in operations on, 353; compressions of common, by chronic pancreatitis, 468
Biliary tract, Manometric and roentgenologic control of, during operation, 155; indications and newer technique in primary surgery of (excepting tumors), 155; injection into canal of Wirsung in course of cholangiography, 158; spontaneous internal biliobiliary fistulas, 158; recurrent cancer of common bile duct and periampullary region, 159; regulated right hepatectomy, 258; spontaneous internal fistulas of, of ulcerous origin, 260; fibrotic stenosis of terminal common duct, 261; management of acute disorders of, 261; nonsurgical diagnosis of postcholecystectomy syndromes, 352; recurring calculi following cholecystectomy, 467; possi-

bilities and limitations of chemical and pharmacodynamic methods to relieve obstruction of main, 468; value of cholangiograms during surgery of, 468

Biopsy, Contribution to study of cancers of uterine corpus; value of suction, in their diagnosis; report of 33 cases, 164

Bladder, Indications for neurosurgical establishment of automaticity of, in paraplegia, 62; enterocystoplasty for small, after nephrectomy for tuberculosis, 63; diseases of prostate and; present day management, 178; etiology of purpura of, and of renal pelvis; apoplexy of urinary, and of renal pelvis, 279; surgery of diverticulum of urinary, 280; vesicovaginal fistulas, 360; cystectomy in invasive-infiltrative papillomatosis of urinary, and of juxtavesical portions of ureters, 368; new concept concerning treatment of exstrophy of, 371; roentgenographic signs of tumor infiltration of wall of urinary, 409; arterial supply of male urinary, 493; discussion on treatment of carcinoma of 493; trigonal cystectomy, 574

Blastomycosis, Pulmonary resection and undecylenic acid in systemic, 446

Blood, Variations of coagulation time of heparinized plasma following delivery, 54; level of prothrombinemia and thromboplastic factors following delivery, 55; fatal transfusion reactions from massive bacterial contamination of, 89; importance of volume studies of, in management of surgical patients, 91; shock therapy with intraperitoneal infusion of volume replenishers of; dextran and PVP, 92; mechanism of coagulation of; historical review and outline of modern concepts; collective review, 105; relations between prothrombin time and thromboplastin time after splenectomy; experimental and clinical study, 162; fluctuations in number of eosinophils in, during postoperative period, 192; practical experiences with interruption of pregnancy and sterilization in familial erythroblastosis, 273; antenatal prediction of hemolytic disease of newborn, 277; treatment of hemolytic disease of newborn, 277; hematological changes in patients with congenital cyanotic heart disease who have been subjected to operations designed to improve circulation to lungs, 337; intravascular agglutination and vascular stasis in peptic ulceration, 346; reviews and considerations of coagulation of, in portal hypertensives subjected to splenorenal anastomosis, 358; splenectomy; indications and technique, 358; increase of postoperative thrombosis and embolism and their management with anticoagulants, 362; disturbances of coagulation of, in cases of severe premature separation of placenta, 363; diagnosis and treatment of hemolytic disease of newborn, 364; results of treatment of hemolytic disease of newborn, 365; clinical review of thrombocid, synthetic heparin, in obstetrics and gynecology, 366; new method in treatment of hematogenous osteomyelitis, 387; treatment and prophylaxis of thrombosis and embolism with dicumacyl; problems and results, 396; effect of dextran on typing and crossmatching of, 403; response of dicumarol-induced hypoprothrombinemia to vitamin K, 412; rhesus factor (D) at Maternity Department of University of Louvain; results of prenatal investigation and technique of exchange transfusion treatment, 485; placental, plus alcohol introduced as transfusion therapy in Poland, 503; incompatible transfusions of, 504; technique and organization for conservation of, 504; role of anticoagulant therapy in surgery, 507; plasma expanders; collective review, 521; thrombin degradation test according to Lenggenhager; clinical and experimental studies, 598; experimental studies on animals regarding circulatory action of synthetic anticoagulant, thrombocid, 598; studies on vasculoactive component of thrombocid, 599

Blood pressure, Contribution to study of syndrome of portal hypertension, 40; urologic aspects of arterial hypertension, 67; in varices of lower extremities, 190; restoration of volume of, in seriously injured patients, 393; early recognition and management of shock, 395

Blood transfusion, Use of intrailiac, in cases of impassable veins, 89; fatal reactions from, due to massive bacterial contamination of blood, 89; experimental studies with intra-arterial transfusion, 296; placental blood plus alcohol introduced as therapy in Poland, 503; technique and organization for conservation of blood for, 504; reanimation with endocarotid transfusion in cranial direction, 590; intra-arterial infusion; simplified technique, 590

Blood vessels, Simultaneous bilateral radical neck dissection with recovery; report of 2 cases, 10; portacaval venous shunt, 40; venograms found in connection with hysterosalpingography, 45; vasa previa, 53; direct and retrograde aortography, 84; technique of translumbar arteriography, 86; sequelae of deep thrombosis in lower limbs, 87; vascular spasm, 88; attempts to treat cerebrovascular accidents and their paralytic sequelae, 123; graft of, in surgical treatment of congenital heart disease, 132; laceration of aorta, 134; experimental investigation of intrahepatic circulation after arteriovenous hepaticoportal anastomosis, 156; study of tumors of vascular sheaths, 187; results of preservation of grafts of, in antihistaminic solutions, 187; studies with arteriovenous fistulas; influence of posture upon volume flow, 190; cerebral revascularization; critical evaluation of 14 operated cases, 241; technique of endocardial anastomosis for circumventing pulmonic valve, 247; account of gastroduodenal anatomy of importance in palliative gastric resection, 254; use of temporary polythene shunts to permit occlusion, resection, and frozen homologous graft replacement of vital segments of, 292; treatment of disease of peripheral, 292; thrombosis, 297; surgical treatment (Trendelenburg operation) of massive pulmonary embolism; report of 22 cases, 298; intravascular agglutination and vascular stasis in peptic ulceration, 346; traumatic arteriovenous fistulas and aneurysms in war wounded, 388; preoperative phlebography of lower limb, 389; experimental study of restoration of continuity of large, by means of plastic tubes, 390; cardiovascular repercussions in exeresis of lung; clinical and experimental study, 402; angiopulmography, 410; experimental studies regarding ligature of hepatic artery and anastomosis between hepatic artery and portal vein, 467; intra-arterial priscoline therapy for peripheral disturbances of, 503; surgical considerations in intrathoracic aneurysms of aorta and great, 552; arterial, of human stomach, 555; nontraumatic arterial aneurysms of extremities, 588; deep venous thrombosis in leg following effort or strain, 589

Bone, Local stimulation of growth of long, 70; multiple cystic tuberculosis, 71; avascular necrosis of, 71; report of operative treatment of nonunion of long, 74; control of length of, 75; growth of; methods of assessing and clinical importance, 80; simple suture for repair of tendon to, 81; solitary plasmocytoma, 103; pathogenesis of osteochondritis dissecans, 180; osteochondritis dissecans with spontaneous healing, 180; spontaneous cure of osteochondrosis dissecans, 180; behavior of callus of, in animals subjected to repeated fractures, 185; variations in roentgen appearance of skeletal system in myeloma, 202; osteoid osteoma, 205; pathogenesis and classification of osteochondritis, 283;

unilateral limb lengthening associated with hematogenous osteitis in childhood, 286; tuberculosis of, and joints, 375; treatment of tuberculous disease of, by surgical drainage combined with streptomycin, 375; giant-cell tumor of, 377; intraosseous fibroma, 377; congenital osseous anomalies of carpus; synostosis congenita bilaterale of semilunar and pyramidal bones, 377; transplantation with bank, 383; aseptic necroses of, 384; osteogenetic potency and formation of new, by induction in transplants to anterior chamber of eye, 387; streptomycin in tuberculosis of, and joints, 496; streptomycin in treatment of tuberculosis of, and joints, 497; evaluation of streptomycin therapy in controlled series of 90 cases of skeletal tuberculosis, 497; resection of diaphysis of long tubular, in hematogenous acute suppurative osteomyelitis, 499; chemotherapy and surgical treatment of tuberculosis of, and joints, 499; combined surgery and chemotherapy of abscesses in tuberculosis of, and joints; early results, 500; radical treatment of tuberculosis of, and joints, 500; experiences with benign tumors of, in pediatric practice, 513; epicondylitis of humerus, 580; results of insertion of cancellous, in cases of pseudarthroses of carpal navicular, 581; homoplastic granulate of, as implantation material in orthopedic surgery, 587

Bone bank, Problems of, 74; transplantation with material from, 383

Brachial plexus, Scalenus syndrome, 125

Brain, Diagnosis of gliomas by combined electroencephalographic and angiographic studies, 11; intraventricular meningioma simulating pituitary tumor, 11; studies regarding determination of normal location of pineal gland on normal craniogram, 95; attempts to treat cerebrovascular accidents and their paralytic sequelae, 123; uptake of radioactive phosphorus in normal, and tumors of, 123; tumors of pituitary body and its environs, 124; evaluation of "seton" procedure in treatment of infantile communicating hydrocephalus, 241; cerebral revascularization; critical evaluation of 14 operated cases, 241; anterior cingulectomy in treatment of mental disease, 242; follow-up study of 238 leucotomized patients, 242; electroencephalographic observations in cases of aneurysm and arteriovenous fistula of head and neck, 293; use of serial angiography in diagnosis of space-occupying intracranial lesions, 329; anatomoclinical study of glioepitheliomas (ependymomas), 329; factors influencing filling of anterior cerebral artery in arteriography, 405; electroencephalographic changes in strabismus, 428; symptoms and treatment of pituitary tumors, 437; carotid-cavernous aneurysm, 547; expanding intracranial lesions in childhood, 548; tumors of, in children, 593; experimental cerebral radionecrosis produced by contact roentgen therapy, 593

Breast, Pain in, 13; carcinoma of, 13; pain in carcinoma of, 13; sex hormones in advanced cancer of, 13; bleeding from nipple, 126; ultropak and doubtful tumors of, 126; carcinoma of male, 126; results of treatment of cancer of, 244; results of surgical treatment of unilateral carcinoma of, in women, 244; rare benign tumors of, 440; osteogenic sarcoma of, 440; Krukenberg tumor with primary cancer in; study of ovarian metastases of mammary cancer; 476; tuberculous disease of, 549

Bronchiectasis, Developmental origin of, and of cystic and emphysematous changes in lungs; new concept, 16; results of surgery for, 17; primary pulmonary tuberculosis as cause of, in children, 245

Bronchus, Adenoma of, treated by local resection and reconstruction of left main, 128; minute carcinoma of major, 245; use of viable pedicled graft for repairing extensive defect of trachea and, 441; adenoma of, 449; coverage of stump of, with transplanted periosteal flap, 449; plastic reconstruction of trachea and, 549; open closure of, and resection of carina and of tracheal wall, 550

Burns, Hydrosulfosol as treatment of chemical, of eye, 4; treatment of, of esophagus, 136; fatality due to duodenal ulcer hemorrhage in case of, 254; treatment of, 298; treatment of chemical, of eye with corvasymton, 324; pathogenesis and treatment of severe, 397; mass treatment of, in atomic warfare, 397; study of several recent publications on severe, 398; rehabilitation of patients with deep, 403

CALCIFICATION, Symmetrical, in cerebellum, 406

Calcinosis, Observation of tumoral, which was greatly improved by thymoparathyroidectomy; study of calcium balance after minimal intake, 518

Calcium, Parathyroid glands; collective review, 417; observation of tumoral calcinosis which was greatly improved by thymoparathyroidectomy; study of balance of, after minimal intake, 518

Calculi, Frequency of recurrence of, in gallbladder after cholecystolithotomy, 42; choice of therapeutic measures in management of chronic relapsing pancreatitis and pancreatolithiasis, 160; surgical indications in "silent" and fulminant, 467; preservation of gallbladder in treatment of, 467; recurring biliary, following cholecystectomy, 467; possibilities and limitations of chemical and pharmacodynamic methods to relieve obstruction of main biliary tract, 468; aluminum gels with constant phosphorus intake for control of renal phosphatic, 491; role of protective urinary colloids in prevention of renal, 491; problem of nonopaque urinary-tract, 574

Calories, Parenteral nutrition with solution containing 1,000, per liter, 91

Canal of Wirsung, Injection into, in course of cholangiography, 158

Cancer, Surgery of pain in incurable, 11; of breast, 13; pain in, of breast, 13; sex hormones in advanced, of breast, 13; coexistent bronchogenic, and active pulmonary tuberculosis, 19; bronchial; 196 surgical cases, 19; of middle third of esophagus; esophagectomy with supraaortic esophagogastric anastomosis, 25; subtotal esophagectomy in high esophageal, 26; development of, in gastric ulcer and ulcer symptoms in gastric, 32; of stomach, 32; observations on treatment of, of rectum, 38; sexual life of patients with, of cervix cured by irradiation, 45; new viewpoints in treatment of recurrent, of female genitalia, 48; surgery of advanced pelvic, in women, 49; primitive hepatic, in pregnancy, 52; squamous cell, occurring in stump of chronically infected ureter many years after nephrectomy, 61; diagnosis of osseous metastases from, of prostate and Paget's disease, 64; further observations on diagnostic value of pulmonary angiography in bronchiogenic, 95; experiences in treatment of skin, with ultrasoft roentgen rays, 1933–1946, 98; results of treatment of skin, with ultrasoft roentgen rays given in single dose, 98; of male breast, 126; bronchogenic, 129; bronchogenic; its frequency, diagnosis, and early treatment, 129; surgical treatment of, of cervical and upper thoracic esophagus, 136; infrapapillary, of duodenum, 148; of right colon, 150; total extirpation in treatment of, of rectum and personal technique, 154; recurrent, of common bile duct and periampullary region, 159; therapy of, of uterus, 164; study of, of uterine corpus; value of suction biopsy in diagnosis; report of 33 cases,

164; treatment of, of vulva, 166; esophagus and mediastinal lymphadenopathy in bronchial, 199; ovarian, 202; limitations of histology in prognosis of radiation-treated, 204; action of some antineoplastic chemotherapeutic agents on cell division, 206; experimental study of potency of aromatic amines to produce, 206; chemotherapy of, 206; of gums, 238; squamous cell, of floor of mouth, 238; of tongue, 239; results of treatment of, of breast, 244; results of surgical treatment of unilateral, of breast in women, 244; clinical features of operable and inoperable bronchogenic, 245; minute, of major bronchi, 245; total gastrectomy for; technique and results, 254; anterior resection of, of rectum, 257; of pancreas, 262; actual concept of treatment of cervical, 266; can results of irradiation in, of uterine cervix be improved by prophylactic hysterectomy, 266; of cervical stump after subtotal hysterectomy, 267; prophylactic treatment of genital, 270; primary, of female urethra, 271; chemical nerve block for amelioration of pain in cases of inoperable genital, 271; neurosurgical pain amelioration in instances of incurable genital; experience with sacral resection of hypogastric and pelvic nerves according to Thiermann, 271; of adrenal cortex with endocrine manifestations, 279; proctologic manifestations of, of prostate, 280; recent clinical experience with grid in x-ray treatment of advanced, 308; of thyroid and nontoxic nodular goiter, 326; diverticula, pseudocancer, and, of colon; 5 observations, 349; arising in adenomas of colon and rectum, 349; 2 cases of, of pancreas simulating chronic pancreatitis and idiopathic sprue, 357; adrenocortical, in children, 367; primary, of ureter, 370; primary, of male urethra, 371; urologic complications of, of uterine cervix, 374; roentgenological findings accompanying, of pancreas, 407; hysterographically visualized radionecrosis following intrauterine radiation of, of corpus of uterus, 408; treatment of uterine, with radioactive cobalt (Co^{60}), 411; parathyroid glands; collective review, 417; indications for radical surgery in treatment of, of head and neck, 433; radioiodine in treatment of metastatic thyroid, 435; of intrathoracic trachea; excision and repair with tantalum gauze-fascia lata graft, 441; is it possible to determine operability of bronchogenic, by roentgenologic examination, 449; of esophagus, 455; of colon, 463; of rectosigmoid and upper part of rectum, 465; extirpation of rectum by sacroabdominal approach, 466; early diagnosis of cervical, and its treatment in noninvasive stage, 473; preinvasive, of cervix, 474; postoperative recognition and further management of unsuspected cervical, 474; results of treatment of cervical, in Heidelberg Clinic, 1936–1945, 474; results of treatment of, of uterine cervix, with reference to 1,374 cases at Anticancer Center, Lyons, France, 475; Krukenberg tumor with primary, in breast; study of ovarian metastases of mammary cancer, 476; discussion on treatment of, of bladder, 493; of prostate with reference to hormonal treatment, 494; treatment of, of skin, 514; management of head and neck, by general surgeon, 543; application of combined hemimandibulectomy and neck dissection to oral, 543; of hypopharynx and its surgical treatment, 545; combined operations in management of, of head and neck, 545; primary, of lung, 550; newer palliative measures in management of inoperable bronchogenic, 550; of esophagus, 554; of rectum, 562; causes of death in, of cervix influencing modern trends in treatment, 567; vaginal smear as screening test, 568; of prostate, 578

Capillaries, Evaluation of permeability of, in postoperative collapse and its treatment with saline infusions, studied by hematocrit-protein diagram, 395

Carbohydrates, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209

Cardia, Hiatal hernia, brachyesophagus and incompetence of, in children, 135

Cardiospasm, Dysphagia with special reference to, 248

Carina, Open closure of bronchus and resection of, and of tracheal wall, 550

Carotid artery, Accidental incision of aneurysm of left common, 87

Carotid body, Tumors of, 240; cervical neurofibroma in differential diagnosis of tumor of, 545

Carotid sinus, Syndrome of, 294; vasomotor reflexes of, in experimental traumatic shock, 309

Cartilage, Results of chondrectomy in chondromalacia of patella, 379; production of ectopic, 519

Casein digests, Plasma expanders; collective review, 521

Cataract, Extraction of, after glaucoma surgery, 4; intraocular acrylic lenses; recent development in surgery of, 235

Cecum, Volvulus of, 34; volvulus of, 152; volvulus of, 255; sclerohypertrophic typhlitis, 255; reticulosarcoma of, 463; nonspecific inflammatory tumors of ileum and, 566

Cells, Response of human tissues to radiation with special reference to differentiation, 99; action of some antineoplastic chemotherapeutic agents on division of, 206; limitations of cytologic diagnosis with employment of different methods of examination, 361; comparative cytohistologic study of malignant tumors, with consideration of phase-contrast picture, 414; cytological and cytochemical approach to understanding of radiation damage in dividing, 515

Cerebellum, Symmetrical calcification in, 406

Cervix, Sexual life of patients with carcinoma of, cured by irradiation, 45; involution of, 266; can results of irradiation in cancer of uterine, be improved by prophylactic hysterectomy, 266; urologic complications of cancer of uterine, 374; preinvasive carcinoma of, 474; postoperative recognition and further management of unsuspected carcinoma of, 474; results of treatment of carcinoma of, in Heidelberg Clinic, 1936–1945, 474; results of treatment of cancer of uterine, with reference to 1,374 cases at Anticancer Center, Lyons, France, 475; primary adenocarcinoma of, 567; causes of death in carcinoma of, influencing modern trends in treatment, 567

Cesarean section, Death during, 54; crisis in matter of indications for, 570

Chemotherapy, Action of some antineoplastic agents on cell division, 206; of cancer, 206; for nerve block for amelioration of pain in cases of inoperable genital carcinoma, 271; and antibiotics in surgical infections, 398; and surgical treatment in bone and joint tuberculosis, 499; combined surgical and, of abscesses in bone and joint tuberculosis; early results, 500

Children, Congenital atresia of small intestine in, 33; appendicitis in, 35; acute cholecystitis in, 42; transient synovitis of hip joint in, 73; obstructive lesions in gastrointestinal tract of infants and, 141; techniques in pediatric anesthesia; nonrebreathing method, 195; unilateral limb lengthening associated with hematogenous osteitis in, 286; mixed adrenal diseases of infancy, 367; adrenocortical carcinoma in, 367; coxa vara in; clinical appearance and etiological problems, 378; urologic problems in pediatric x-ray diagnosis, 408; acute appendicitis in, 462; appendicitis during first 2 years of life, 462; fracture of neck of femur in, 500; lesions of upper gastrointestinal tract in infants and, 512; experiences with benign bone tumors in

pediatric practice, 513; recurrent nodular goiter in, 545; expanding intracranial lesions in, 548; acute intestinal obstruction in, 559; brain tumors in, 593
Cholangiography, Injection into canal of Wirsung in course of, 158
Cholecystectomy, Discussion on origin of so-called "amputation neuromas" after, 158
Cholecystitis, Acute, in childhood, 42; acute, 156; pericholecystic lipoid granuloma as cause of certain cases of chronic, 157
Cholinesterase, Curves of concentration of proteins, red cells, and activity of, in serum after gynecologic interventions, 269
Chondrosarcoma, Intranasal, 544
Chorioepithelioma, Radiological management of; report of 2 cases (1 with pulmonary metastasis) with 10 year follow-up, 278
Chorion, Sarcomas of cytogenic; sarcomas of endometrium, 165
Choroid, Atypical coloboma of, with dysplasia of macula, 5; possible malignant melanoma of, 544
Chylothorax, Traumatic, 137
Circulation, Placental; maternal and fetal, 55; maintenance of life by homologous lungs and mechanical, 104; cardiac catheterization in congenital heart disease; 4 cases of pulmonary stenosis with increased pulmonary blood flow, 131; studies of, in mitral stenosis before and after commissurotomy, 133; collateral, following ligation of right subclavian artery, 187; clinical tests for evaluation of, in tubed pedicles and flaps, 197; diagnosis and therapy of congenital angiocardiopathies, 247; carotid sinus syndrome, 294; bloodless surgery by means of controlled, 300; factors of, affecting anesthesia in surgery for congenital heart disease, 301; shunting in human kidney, 309; effects upon lung of varying periods of temporary occlusion of pulmonary artery, 333; reviews and considerations of blood coagulation in portal hypertensives subjected to splenorenal anastomosis, 358; and respiratory effects of continuous versus phasic lung inflation in open-chest dogs, 442; kidneys in tourniquet shock, with particular reference to changes in; experimental study, 490; experimental ascites; its production and control, 599
Cirrhosis, Duodenitis and Mossé-Marchand-Mallory's, 34
Clubfoot, Development of, due to disturbance of epiphysial growth following radium treatment of hemangioma, 98
Coagulation, Mechanism of blood; historical review and outline of modern concepts; collective review, 105
Cobalt^{60} therapy, Physical characteristics of radiation in, 411; treatment of uterine cancer with radioactive, 411; clinical possibilities of, 515
Colitis, Results of surgical treatment of ulcerative, 37; benign ulcers of greater curvature associated with ulcerative, and cirrhosis of liver, 142; surgical treatment of chronic ulcerative, 560; chronic ulcerative, and pregnancy, 569
Collective review, Mechanism of blood coagulation; historical review and outline of modern concepts, 105; nutrition following total gastrectomy with particular reference to fat and protein assimilation, 209; cardiac resuscitation, 313; parathyroid glands, 417; plasma expanders, 521
Colon, Replacement of stomach with, 33; rectosigmoidectomy for Hirschsprung's disease, 37; double tumor of rectum and, 38; etiology and pathogenesis of diverticula of, 148; second roentgenologic report on diverticulosis of; differential diagnosis, 148; complications of diverticulitis of; their surgical treatment, 149; multiple polyposis; results of fulguration of polyps in distal portion of, after ileosigmoidostomy and colectomy, 149; carcinoma of right, 150; multiple primary malignant tumors involving, and rectum; report of 94 cases, 154; surgical treatment of diverticula of iliopelvic, 256; megacolon in adult, 257; diverticula, cancer, and pseudocancer of; 5 observations, 349; carcinoma arising in adenomas of, and rectum, 349; infarction of left, 463; carcinoma of, 463; physiological operation for idiopathic congenital megacolon; Hirschsprung's disease, 465; biochemical changes after anastomosis of ureter with, 494; adenomatous polyps of, and rectum, 561
Color, Binocular white from red and green, and three-component theory, 4
Conjunctivitis, Dacryocitogram as new method of morphologic investigation of, 324
Cornea, Treatment of conical, by grafting of, 4; plasma implantations in, 430
Cortisone, Therapy with, in Dupuytren's contracture, 288; combined effect of, and partial protein depletion on wound healing, 509; surgical use of ACTH and, 517
Coxa vara, Results of treatment of, of adolescence, 182; adolescent, 286; in infant; clinical appearance and etiological problems, 378
Cranium, Clues in intracranial abnormality, 405
Curare, Use of, locally in surgery and obstetrics, 400
Cystadenoma of pancreas, 43
Cysts, Of parathyroid, 9; anatomic study, classification, origin, and histogenesis of air, of lung, 15; developmental origin of, and bronchiectatic and emphysematous changes in lungs; new concept, 16; ruptured endometrial, as cause of acute abdominal symptoms; endometrial pelviperitonitis, 45; branchial, and fistulas; study of 75 cases relative to clinical aspects and treatment, 122; suppurating bronchiogenic, 138; formation of inclusion dermoid, following whole-thickness skin-graft repair of hernia, 140; angiomatous enterocyst of mesentery, 147; of spleen; report of case, 161; congenital dermoid, of nose, 237; intrathoracic (mediastinal), and their classification, 342; polycystic disease of liver; study of 24 cases, 350; parathyroid glands; collective review, 417; pulmonary sequestration with, and abnormal artery of aortic origin; 6 case reports, 442; paramediastinal, containing parotid enzymes; differential diagnosis of mediastinal, and their surgical therapy, 456; perinephric, 492
Cytology, Present status of exfoliative, in diagnosis of gastrointestinal malignancy, 560

DACRYOCITOGRAM as new method of morphologic investigation of conjunctivitis, 324
Deafness, Nuclear jaundice and, 7
Deaths, Frequency of maternal, 366
Deciduoma malignum, Anatomopathologic and clinical considerations with reference to, of uterus, 170
Deformities, Local stimulation of growth of long bones, 70; control of bone length, 75; torsion of leg causing unusual, 290; relationship between sacroiliac junction and spinal, 379; tibia vara due to osteochondrosis of tibia, 380; arthroplasty and arthrodesis in arthrosis of hip with, 382; do attempts at abortion lead to, 486
Dextran, Shock therapy with intraperitoneal infusion of blood volume replenishers; and PVP, 92; effect of, on blood typing and crossmatching, 403; plasma expanders; collective review, 521
Diagnosis, Consideration in differential, of hepatocellular and obstructive jaundice from surgical standpoint, 40; and management of ectopic pregnancy, 50; silicone-tube coagulation time as aid in, of phlebothrombosis, 87; new method of cytological, in diseases of stomach, 142; value of routine anosigmoidoscopy as procedure

for, in general practice, 154; use of sodium fluorescein and atabrine in, of tumors 205; vaginal cytology in, and therapy of hypophyso-ovarian dysfunction, 270; cardiac resuscitation; collective review, 313; limitations of cytologic, with employment of different methods of examination, 361; fetal electrocardiography, 363; differential, of dystrophic states and cervical epitheliomas; study of glycogen; uncertainty of smears, 472; early, of cervical cancer and its treatment in noninvasive stage, 473

Diaphragm, Esophageal hiatus hernia of, 23; hernia of, 27; hernia of fissure of Larrey in, 28; hernia of, (pericardial), 137; discussion on hiatus hernia, 565

Diastase, Pancreatitis; current concepts, 355

Diet, Is it necessary to continue treatment by, after gastric resection for ulcer of stomach and duodenum, 32; nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; new regimen in feeding critically ill, 393

Digestion, Two contributions on injuries of pancreas, with suggestion of, of food by duodenal juice of relatives in absence of ferments of stomach, liver, and pancreas, 469

Digestive tract, Esophagogastrostomy for cicatricial stenosis of esophagus, 341

Dihydrone pectinate, Pharmacologic study of new analgesic in human and veterinary medicine, 401

Dislocations, Our method for operative treatment of recurrent, of shoulder, 78; surgical treatment of habitual, of patella, 80; congenital, of hip, 385; traumatic, of hip, 385; reposition with arthroplasty for congenital, of hip in adults, 582; carpometacarpal; total, 583

Diverticula, Complications of gastrointestinal, demonstrated by x-rays, 29; clinical and histopathological contribution on duodenal, treated surgically, 33; etiology and pathogenesis of, of colon, 148; second roentgenologic report on, of colon; differential diagnosis, 148; surgical significance of duodenal, 148; of gastrointestinal tract, 252; surgical treatment of, of iliopelvic colon, 256; surgery of, of urinary bladder, 280; cancer, pseudocancer, and, of colon; 5 observations, 349; of ureter; report of another authentic case, 370; surgical treatment of epiphrenic, of esophagus, 454; of small intestine, 461; ureteric compression by traction, of duodenum, 492

Diverticulitis, Complications of, of colon; their surgical treatment, 149

Ductus arteriosus, Artificial, in dog with secondary hypertension in pulmonary artery, 87; thoracic aortography with reference to its value in patent, and coarctation of aorta, 303

Duodenitis and Mossé-Marchand-Mallory's cirrhosis, 34

Duodenum, Is it necessary to continue dietary treatment after gastric resection for ulcer of stomach and, 32; clinical and histopathological contribution on diverticulum of, treated surgically, 33; surgical significance of diverticula of, 148; infrapapillary carcinoma of, 148; surgical intervention in massive gastroduodenal bleeding, 253; remote results in resections for gastroduodenal ulcers, 254; nonpenetrating abdominal trauma, with reference to lesions of, and pancreas, 264; aberrant pancreas as cause of syndrome of, 354; prolapse of gastric mucosa into, 406; so-called arteriomesenteric obstruction of, 461; basic principles in surgical treatment of ulcers of, 462; ureteric compression by traction diverticulum of, 492; indications for surgical treatment of gastric and duodenal ulcers and their complications, 556; selection of patients with ulcer of, for vagotomy, 557; results of vagotomy during 7 years, 558

Dupuytren's contracture, Cortisone therapy in, 288, 498

Dysgerminoma of ovary, 476

Dystocia, Discussion of further 90 cases of, treated by method of Willet-Gauss, 273

EAR, Symposium on audiology, 6; genesis of otosclerosis, 7; otosclerosis; closed method of fenestration, 7; nuclear jaundice and deafness, 7; painful nodule of, 118; long-term results of fenestration surgery, 118; congenital atresia of auditory canal; two-stage operation with fenestration, 235; suppurative labyrinthitis, 236; observations on eustachian tube, 325; aural manifestations of allergy, 325; viewpoints on operative treatment in Ménière's disease, 432

Echinococcus, Results in 61 cases of, cysts of lungs treated surgically, 447

Eclampsia, Hydration treatment of, 273; etiology of preeclampsia, 481

Edema, Chronic, of lower limbs, 190

Elbow, Familial dysgenesis of both; previously unreported congenital disease of extremities, 285; surgical pseudarthrosis of, for impaired pronation and supination, 581

Elderly patients, Surgery in, 309; major surgery in, 505

Electrocardiography, Fetal, 363; prevention and treatment of disturbances of cardiac rhythm registered by, during surgery of heart 402

Electrolytes, Preoperative and postoperative parenteral maintenance of balance of with salt mixture containing sodium, potassium, chloride, and phosphate, 192; in surgery, 207; abnormalities of, in pyloric obstruction resulting from peptic ulcer or gastric carcinoma, 345; balance of water and, in surgery, 505

Elephantiasis of lower limbs, 102

Embolism, Fatal pulmonary; study of 130 cases of autopsy-proved fatal, 192; surgical treatment (Trendelenburg) of massive pulmonary; report of 22 cases, 298; increase of postoperative thrombosis and, and their management with anticoagulants, 362; nonfatal case of amniotic fluid, 365; treatment and prophylaxis of thrombosis and, with dicumacyl; problems and results, 396; results in systematic prevention and treatment of thrombosis and, with anticoagulants, 479; fatal pulmonary, in Heidelberg Clinics; study of 377 cases over 20-year period, 590

Embryo, Radiation hazards to, and fetus; experiments with mice, 305

Encephaloceles, Intranasal, 237

Endocrine therapy in treatment of functional amenorrhea and functional oligohypomenorrhea, 270

Endometriosis, Urologic aspects of; renal, ureteral, and vesical forms, 48; inguinal, diagnosed preoperatively as irreducible inguinal hernia, 48; in pregnancy; clinical observations, 364

Endometrium, Cytodynamic properties of human, 163; sarcomas of cytogenic chorion; sarcomas of, 165; adenocarcinoma of; clinicopathologic study, 475

Enteritis necroticans, 559

Enzymes, Systemic changes in, induced by radiation therapy of malignant tumors, 101; mechanism of blood coagulation; historial review and outline of modern concepts; collective review, 105; nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209

Eosinophils, Fluctuations in number of, in blood during postoperative period, 192; response of, in newborn and pregnancy at term, 312

Ependymoma, Anatomoclinical study of glioepitheliomas. 329

Epididymis, Primary malignant neoplasms of spermatic cord and; 2 case reports, 66

Epiphyses, Multiple hereditary disturbances of, and osteochondrosis dissecans, 305
Epistomas, Nosology of bronchial (epitheliomas with transformed stroma), 448
Epithelioma, Differential diagnosis of dystrophic states and cervical; study of glycogen; uncertainty of smears, 472
Epithelium, Transplantation studies on sheets of pure epidermal, and on epidermal cell suspensions, 520; physiology of transitional, of urinary tract; vesical secretion in dog, 574
Erythroblastosis, Practical experiences with interruption of pregnancy and sterilization in familial, 273
Esophagitis, 454; nonpeptic, probably infectious, origin of certain types of, 25
Esophagus, Hiatus hernia of diaphragm, 23; cancer of middle third of; esophagectomy with supra-aortic esophagogastric anatomosis, 25; subtotal esophagectomy in high carcinoma of, 26; hiatal hernia; brachyesophagus and incompetence of cardia in children, 135; treatment of congenital atresia of, 135; treatment of burns of, 136; surgical treatment of carcinoma of cervical and upper thoracic, 136; and mediastinal lymphadenopathy in bronchial carcinoma, 199; atresia of, accompanied by remarkable vessel anomaly, 248; dysphagia with special reference to cardiospasm, 248; gastroesophageal reflux, 253; fish bones in, 341; esophagogastrostomy for cicatricial stenosis of, 341; treatment of megaesophagus, 342; congenital varicosities of, 453; pathologic changes in megaesophagus; dystonia of, 454; surgical treatment of epiphrenic diverticulum of, 454; surgical therapy of cicatricial stenosis of, 454; benign tumors of thoracic portion of, 455; carcinoma of, 455; spontaneous laceration of, 553; carcinoma of, 554
Ethiomine, Experimental production of pancreatitis with, 469
Eustachian tube, Observations on, 325
Exophthalmos, Pituitary; assessment of methods of treatment, 1; auscultation of orbit as diagnostic method in unilateral, 323
Explosions, Survey of fires and, in hospitals of United States, 401
Eye, Retracted socket of, 1; pituitary exophthalmos; assessment of methods of treatment, 1; influence of terramycin on course of experimental tuberculosis of, 2; phasic variations in tension of, in primary glaucoma, 2; transient monocular blindness associated with hemiplegia, 2; role of heredity in etiology and treatment of strabismus, 3; surgical treatment of esotropia with bilateral evaluation in adduction, 3; binocular white from red and green, and three-component theory, 4; hydrosulfosol as treatment of chemical burns of, 4; treatment of conical cornea by corneal grafting, 4; cataract extraction after glaucoma surgery, 4; atypical coloboma of choroid with dysplasia of macula, 5; retroplacement of inferior oblique at its scleral insertion, 5; effects of ultrasonic waves on refractive media of, 5; preliminary report on use of methonium compounds and general anesthesia in surgery of, 5; effect of sutures and of thrombin upon healing of ocular wounds, 6; proptosis caused by lipoidosis, 115; orbital implants; review of results obtained at Moorfields branch of Moorfields, Westminster, and Central Eye Hospital, London, 115; retrolental fibroplasia, 116; pseudoglioma, 117; detection of intraocular tumors with radioactive phosphorus, 117; stratigraphic study of optic canal, 198; phase contrast microscopy of animal vitreous body, 232; congenital malformations of, induced in mice by maternal anoxia, 232; changes in, following exposure to metallic mercury, 233; neurovascular mechanism and control of intraocular pressure, 233; experimental pupil-block glaucoma, 233; surgical treatment of congenital glaucoma, 234; retrolental fibroplasia, 234; intraocular acrylic lenses; recent development in surgery of cataract, 235; anesthesia for long or technically difficult surgical procedures on, and larynx, 301; value of orthoptics in treatment of squint, 324; dacryocitogram as new method of morphologic investigation of conjunctivitis, 324; treatment of chemical burns of, with corvasymton, 324; ocular sarcoidosis; report of 3 cases, 324; osteogenetic potency and new bone formation by induction in transplants to anterior chamber of, 387; nutritional amblyopia, 428; electroencephalographic changes in strabismus, 428; dacryocystorhinostomy by intubation, 428; sympathetic ophthalmia, 429; sulfonamides and antibiotics in trachoma, 429; antibiotic-producing bacteria of ocular flora, 429; surgical construction of conjunctival cul-de-sac and preferred methods for partial or total socket restoration, 430; plasma implantations in cornea, 430; studies on pathogenesis of retrolental fibroplasia, 430; subclinical retinal detachments, 431; experiences with tumors of retina, 431; intraocular rubber foreign bodies after surgery, 432; physiopathology and technique of iridencleisis, 544; possible malignant melanoma of choroid, 544

FACIAL nerve, Extratemporal repair of; case reports, 124; management of traumatic lesions of, 437
Fasciodesis, Milch, for reconstruction of tibial collateral ligament, 77
Fat, Experimental evaluation of effectiveness of pancreatin in reducing loss of fecal nitrogen and, following total gastrectomy, 159; nutrition following total gastrectomy with particular reference to assimilation of, and protein; collective review, 209; experimental study of assimilation of protein and, after total gastrectomy, 347
Feeding, New regimen in, of critically ill, 393
Feet, Symmetrical synostoses of hands and, 289
Femur, Fractures involving distal epiphyseal cartiage of, 78; fractures of shaft of, treated by medullary nailing, 80; fractures of neck of, following irradiation of pelvis, 286; supracondylar fractures of, 287; treatment of recent transcervical fractures of, 287; intramedullary nailing in pathologic fracture, 383; survey of late results in treatment of fracture of, according to A. M. Whitman-Löfberg, 386; treatment of nonunited fractures of shaft of, 386; fracture of neck of, in children, 500; impacted fractures of neck of, 501; immediate osteotomy for vertical fractures of neck of, 501; roentgenologic considerations in fractures of neck of, 514; conservative treatment of trochanteric fractures of, 584; prefractural status of neck of, 585; remarks with reference to mechanics and technique of nailing of fracture of neck of, 585
Fenestration, Otosclerosis; closed method of, 7; long-term results of, 118; congenital atresia of auditory canal; two-stage operation with, 235
Fertility, Male, 68
Fetus, Regulatory and adaptative factors in intrauterine development of, 173; duration of pregnancy and postmaturity, 277; radiation hazards to embryo and, 305; electrocardiography of, 363; diffuse reticulohemangioendothelioma of placenta with polyhydramnios and celomic monster exhibiting multiple malformations, 482; infections of, 485
Fibrin, Mechanism of blood coagulation; historical review and outline of modern concepts; collective review, 105
Fibrinogen, Mechanism of blood coagulation; historical review and outline of modern concepts; collective review, 105

Fibroma, Intraosseous, 377
Fibromyoma, Uterine, in adolescents, 266
Fibroplasia, Studies on pathogenesis of retrolental, 430
Fibrosis, Roentgenological picture in chronic nonspecific, of middle lobe; value of planigraphy, 410
Fibula, Fractures of shaft of tibia and, 586
Fingers, Cross-finger flaps in treatment of injuries to tip of, 302; pathology of interdigital pilonidal sinus, 412; stenosing tenovaginitis at wrist and, 498; Dupuytren's contracture, 498; elementary technique of repair of cutaneous losses of, 509
Fires, Survey of, and explosions in hospitals of United States, 401
Fistula-in-ano, Primary skin graft following excision of, 155
Fistulas, Branchial cysts and; study of 75 cases relative to clinical aspects and treatment, 122; congenital enteroumbilical, due to patent vitelline duct, 140; spontaneous internal biliobiliary, 158; studies with arteriovenous; influence of posture upon volume flow, 190; spontaneous internal biliary, of ulcerous origin, 260; electroencephalographic observations in cases of aneurysm and arteriovenous, of head and neck, 293; treatment of choledochoduodenal, due to ulcer, 353; vesicovaginal, 360; traumatic arteriovenous, and aneurysms in war wounded, 388; treatment of antro-oral, with reference to use of streptokinase and streptodornase, 432; treatment of oroantral, 545
Fluid, Limitations and dangers of replacement therapy with, 396; replacement of gastric and intestinal losses of, in surgery, 508
Foot, Development of clubfoot due to disturbance of epiphyseal growth following radium treatment of hemangioma, 98
Forceps, Present status of midforceps operation, 54; limitation of indications for use of, at superior strait, 274; Kielland, in transverse arrest, 483
Foreign bodies, Perforations of gastrointestinal tract due to, 29; in heart, 130; fish bones in esophagus, 341; intraocular rubber, after surgery, 432
Fractures, Result of excision of patella with, 75; indications of osteotaxis following technique of R. Hoffmann, 78; involving distal femoral epiphyseal cartilage, 78; femoral-shaft, treated by medullary nailing, 80; vertebral, with exposed spinal cord, 124; operative treatment of T and Y, of lower end of humerus, 185; behavior of bone callus in animals subjected to repeated, 185; management of recent nasal, 236; of neck of femur following irradiation of pelvis, 286; supracondylar, of femur, 287; treatment of recent transcervical, of femur, 287; Kuentscher's intramedullary pin, with reference to 541 cases of, 287; effect of thyroxin on experimental, in dogs, 311; of mandible; their orthodontic treatment, 322; intramedullary nailing in pathologic, 383; aseptic osseous, 384; recent and old, of eminentia capitata of humerus, 384; survey of late results in treatment of, of femur according to A.M. Whitman-Löfberg, 386; treatment of nonunited, of femoral shaft, 386; early mobilization in treatment of, of os calcis, 387; of neck of femur in children, 500; impacted, of neck of femur, 501; immediate osteotomy for vertical, of femoral neck, 501; of ankle, 501; roentgenologic considerations in, of neck of femur, 514; spontaneous, of both first ribs, 549; pertrochanteric and subtrochanteric, 584; internal fixation for intertrochanteric, 584; conservative treatment of trochanteric, of femur, 584; prefractural status of femoral neck, 585; remarks with reference to mechanics and technique of nailing of, of femoral neck, 585; of shaft of tibia and fibula, 586; conservative treatment of, of tibial plateau, 586; treatment of, of external tibial condyle, 587
Freezing, Preservation of arterial grafts by, 392; experimental study of effects of; partial dehydration and ultrarapid cooling on survival of dog skin grafts, 520
Frontal bone, Hemangiomas of, 322
Frostbite, Present status of treatment of, 193

GALLBLADDER, Angulations of, 41; acute cholecystitis in childhood, 42; frequency of recurrence of calculi in, after cholecystolithotomy, 42; indications and newer technique in primary surgery of biliary tract (excepting tumors), 155; acute cholecystitis, 156; pericholecystic lipoid granuloma as cause of certain cases ofchronic cholecystitis, 157; clinical findings in cases of benign tumors of fundus of, 158; nonsurgical diagnosis of postcholecystectomy syndromes, 352; surgical indications in "silent" and fulminant cholecystolithiasis, 467; preservation of, in treatment of cholelithiasis, 467
Gallstone obstruction of intestine, 352
Ganglia, Certain considerations of controlled hypotension in course of anesthesia, 300
Gastrectomy, Nutrition following total, with reference to fat and protein assimilation; collective review, 209; experimental study of protein and fat assimilation after total, 347
Gastritis, Giant hypertrophic, 253; massive hypertrophic, 555
Gastrointestinal tract, Foreign-body perforations of, 29; effect of Exalto-Mann-Williamson procedure on gastric secretion, 29; complications of diverticula of, demonstrated by x-rays, 29; surgical treatment of peptic ulcer, 30; role of ammonia reabsorption in acid-base imbalance following ureterosigmoidostomy, 62; obstructive lesions in, of infants and children, 141; leiomyosarcoma of, 141; multiple location in, of Kundrat's type of lymphosarcomatosis, 141; hemorrhage from peptic ulcer; analysis of 223 cases, 142; 10 years' experience with bleeding peptic ulcer, with emphasis on 45 fatal cases, 143; nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; diverticula of, 252; acute severe hemorrhage of upper; review of 195 cases, 252; incidence and mechanism of early dumping syndrome after gastrectomy, 255; volvulus of cecum, 255; technique in surgery of, 258; topographic and morphologic modifications of, produced by extrinsic tumors, 304; volvulus of stomach, 344; importance of duodenopancreaticobiliary secretions in pathogenesis of gastroduodenal ulcers; therapeutic conclusions, 345; acute ulcers and hemorrhages of, 346; surgical treatment of peptic ulcer, 346; gastroenterostomy in surgical treatment of gastroduodenal ulcer, 457; basic principles in surgical treatment of duodenal ulcers, 462; replacement of gastric and intestinal fluid losses in surgery, 508; lesions of upper, in infants and children, 512; emergency diagnosis of bleeding of upper, by roentgen examination without palpation; Hampton technique, 513; present status of exfoliative cytology in diagnosis of malignancy of, 560; roentgen findings in instances of "digestive megasplanchnia," 594; emergency roentgenologic examinations in severe hemorrhages of gastroduodenal origin, 595
Gelatin, Plasma expanders; collective review, 521
Genital organs (female), Bacteroides infections of, 47; new viewpoints in treatment of recurrent carcinoma of female genitalia, 48; problems of conjugal sterility 167; prophylactic treatment of genital carcinoma, 270; chemical nerve block for amelioration of pain in cases of inoperable genital carcinoma, 271; neurosurgical pain amelioration in instances of incurable genital carcinoma; experience with sacral resection of hypogas-

tric and pelvic nerves according to Thiermann, 271; myomectomy; surgical technique and results in series of 1,150 cases, 359; condition of internal genitalia in cases of vaginal aplasia; hormone-induced morbid picture, 477; nonblastomatous postmenopausal metrorrhagia; clinical considerations, 478; alterations in clinical course of diffuse peritonitis of genital origin, 478; pregnancy associated with congenital abnormalities of female, 481

Genital organs (male), Male fertility, 68; problems of conjugal sterility, 167; retropubic surgery in benign prostatic lesions, 281; late results of perurethral prostatic resection, 281; anastomosis operations on vas deferens, 281; treatment of tuberculosis of; considerations arising from study of 1,650 cases in 25 years of practice, 282; ureteral injury by transurethral electroresection and coagulation, 372; testicular luxations, 372; results of medical and medicosurgical therapy in urogenital tuberculosis, 373; treatment of ectopia of testicle; results observed in 132 patients, 578

Girls, Typical knee pain in, 73

Glaucoma, Phasic variations in ocular tension in primary, 2; cataract extraction after surgery for, 4; experimental pupil-block, 233; treatment of congenital, 234

Glioma, Diagnosis of, by combined electroencephalographic and angiographic studies, 11

Globin, Plasma expanders; collective review, 521

Glomerular tuft, Structure of, 368

Goiter, Recurrent nodular, in children, 545

Grafts, Experimental use of free arterial and split-thickness skin grafts for bridging defects in common bile duct of dog, 42; report of operative treatment of nonunion of long bones, 74; vein inlay, in treatment of aneurysms and thrombosis of abdominal aorta, 85; immunological aspects of autografts and homografts in rabbits tested by in vivo and in vitro techniques, 93; effect of donor skin desensitization and ACTH on survival of skin homografts in rabbits, 94; blood vessel, in surgical treatment of congenital heart diseases, 132; primary skin, following excision of fistula-in-ano, 155; results of preservation of blood vessel, in antihistaminic solutions, 187; clinical tests for evaluation of circulation in tubed pedicles and flaps, 197; effect of ACTH on autogenous and homologous skin, in rabbits, 208; recovery of nervous functions in skin transplants, with reference to sympathetic functions, 310; further observations on use of temporary polythene shunts and frozen homologous replacement by, of major arterial segments in traumatic and malignancy surgery, 391; preservation of arterial, by freezing, 392; cross-leg flap procedure, 404; effect of adrenocorticotropic hormone on survival of homografts, 404; carcinoma of intrathoracic trachea; excision and repair with tantalum gauze-fascia lata, 441; transplantation studies on sheets of pure epidermal epithelium and on epidermal cell suspensions, 520; secondary contracting tendency of free skin, 520; experimental study of effects of freezing; partial dehydration and ultrarapid cooling on survival of dog skin, 520; heterogeneous arterial, 588

Granuloma, Of ureter, 60; pericholecystic lipoid; cause of certain cases of chronic cholecystitis, 157; oil, of peritoneum, 251

Graves' disease, Great practical value of auscultation of thyroid gland for diagnosis of, 434

Gums, Cancer of, 238

Gynecology, Venous thrombosis in obstetrics and, 46; clinical reports of Rotunda Hospital, Coombe Lying-In Hospital, and National Maternity Hospital, 56; clinical review of thrombocid, synthetic heparin, in obstetrics and, 366

HAND, Cortisone therapy in Dupuytren's contracture, 288; symmetrical synostoses of, and feet, 289; certain procedures for surgical rehabilitation of, in poliomyelitis, 381; compound wounds of, 508; rehabilitation of function of, in rheumatoid arthritis, 510

Harelip, Corrective procedures after operations for, or cleft jaw and palate, 326

Head, Maxillofacial injuries, 1; retracted eye socket, 1; hemangiomas of frontal bone, 322; management of cancer of, and neck by general surgeon, 543; combined operations in management of cancer of, and neck, 545; extradural hemorrhage, 547; delayed onset of symptoms due to extradural hematomas, 547

Headache, Prevention of, following spinal anesthesia; use of epidural saline; preliminary report, 196

Heart, Surgery in acquired disease of; surgical therapy of mitral stenosis, 20; operative treatment of mitral stenosis and its indications, 21; surgical treatment of mitral stenosis, 21; ballistocardiogram in constrictive pericarditis before and after pericardiectomy, 23; foreign bodies in, 130; with single ventricular chamber, 130; cardiac catheterization in congenital disease of; 4 cases of pulmonary stenosis with increased pulmonary blood flow, 131; cardiac catheterization in congenital disease of; direct demonstration of single ventricle, 131; observations on surgical treatment of congenital disease of, 131; blood vessel graft in surgical treatment of congenital diseases of, 132; cardiostathorrhaphy; splinting flaccid myocardium of coronary occlusion by surgical procedures, 132; responsibility of physician in selection of patients with mitral stenosis for surgical treatment, 132; circulatory studies in mitral stenosis before and after commissurotomy, 133; surgical relief of mitral stenosis; preliminary report, 246; technique of endocardial anastomosis for circumventing pulmonic valve, 247; cardiac catheterization and other physiological studies in 50 cases of congenital disease of, 247; diagnosis and therapy of congenital angiocardiopathies, 247; ligation of inferior vena cava in insufficiency of, 295; arrest of, 297; circulatory factors affecting anesthesia in surgery for congenital disease of, 301; resuscitation of; collective review, 313; arrest of, 337; hematological changes in patients with congenital cyanotic disease of, who have been subjected to operations designed to improve circulation to lungs, 337; surgical implications suggested by study of 54 anatomical specimens of tetralogy of Fallot, 338; surgical treatment of aortic stenosis, 340; anesthesia for surgical correction of cardiorespiratory anomalies, 402; cardiovascular repercussions in exeresis of lung; clinical and experimental study, 402; prevention and treatment of disturbances of cardiac rhythm registered by electrocardiography during surgery of, 402; surgical treatment of congenital and acquired valvular stenoses, 451; mitral valve disease in light of surgical treatment, 452; surgical and cardiological problem in operative treatment of mitral stenosis, 452; surgical treatment of mitral stenosis, 452; surgery of, 452; angiocardiography in congenital disease of, of cyanotic type, 511; functional problems in cardiac and pulmonary diseases and remarks on surgical intervention, 551; successful removal of tumor of, 552

Hemangiomas of frontal bone, 322

Hematomas, Delayed onset of symptoms due to extradural, 547; encysted pleuropulmonary, 550

Hemoglobin, Plasma expanders; collective review, 521

Hemophilia, Mechanism of blood coagulation; historical review and outline of modern concepts; collective review, 105

Hemoptysis, Clinical significance of, 334

Hemorrhage, Severe nosebleed and its treatment, 8; from nipple, 126; from peptic ulcer; analysis of 223 cases, 142; 10 years' experience with bleeding peptic ulcer, with emphasis on 45 fatal cases, 143; preliminary report on controlled hypotension, 195; acute severe upper gastrointestinal; review of 195 cases, 252; surgical intervention in massive gastroduodenal, 253; fatality due to duodenal ulcer, in burn case, 254; acute ulcers and, of gastrointestinal tract, 346; further studies on nature of, in radiation injury, 410; toxemic accidental, 480; emergency diagnosis of upper digestive tract, by roentgen examination without palpation; Hampton technique, 513; extradural, 547; emergency roentgenologic examinations in severe, of gastrointestinal origin, 595; acute radiation syndrome due to exposure of whole body to penetrating ionizing radiation, 596

Hemostasis, Bloodless surgery by means of controlled circulation, 300

Heparinization, Regional, after thromboendarteriectomy in treatment of obliterative arterial disease, 188

Hernia, Esophageal hiatus, of diaphragm, 23; diaphragmatic, 27; diaphragmatic, of fissure of Larrey, 28; inguinal endometriosis diagnosed preoperatively as irreducible inguinal, 48; hiatal, brachyesophagus, and incompetence of cardia in children, 135; diaphragmatica pericardialis, 137; recent advances in surgery of inguinal, 139; formation of inclusion dermoid cysts following whole-thickness skin graft repair of, 140; trauma; factor in inguinal, 251; femoral, 251; etiopathogenesis of anemia in diaphragmatic, of stomach, 252; discussion on hiatus, 565

Hernioplasty, Results of primary inguinal, 140

Hibernation, Artificial, 194; artificial; new practical details and latest results, 194

Hip, Legg-Perthes disease, 71; intrapelvic prominences of floor of socket of, in adults, with special discussion of protrusio acetabuli, 73; transient synovitis of, in children, 73; operative treatment of Perthes disease by means of boring and pegging, 75; results of treatment of coxa vara of adolescence, 182; pathogenesis and classification of osteochondritis, 283; adolescent coxa vara, 286; coxa vara infantum; clinical appearance and etiological problems, 378; indications and results of arthroplastic prostheses in malum coxae, 381; arthroplasty and arthrodesis in arthrosis deformans coxae, 382; congenital dislocation of, 385; traumatic dislocations of, 385; reposition with arthroplasty for congenital dislocation of, in adults, 582; pertrochanteric and subtrochanteric fractures, 584; internal fixation for intertrochanteric fractures, 584

Hirschsprung's disease, Physiological operation for idiopathic congenital megacolon, 465

Hodgkin's disease, Nitrogen mustard therapy in lymphoreticulosarcomatosis, lymphatic leucemia, and, 413; triethylene melamine therapy in, and other malignant diseases, 413; in pregnancy; report of 12 cases, 570

Hormones, Sex, in advanced breast cancer, 13; vaginal cytology in diagnosis and therapy in hypophysoovarian dysfunction, 270; effect of adrenocorticotropic, on survival of homografts, 404; parathyroid glands; collective review, 417; condition of internal genitalia in cases of vaginal aplasia; morbid picture induced by, 477; use of posterior pituitary extracts by slow continuous perfusion in treatment of functional dystocias during labor, 482; carcinoma of prostate with reference to treatment with, 494; primary hyperparathyroidism, 519

Hospitals, Survey of fires and explosions in, of United States, 401

Humerus, Operative treatment of T and Y fractures of lower end of, 185; recent and old fractures of eminentia capitata of, 384; epicondylitis of, 580

Hydrocephalus, 172; evaluation of "seton" procedure in treatment of infantile communicating, 241

Hypertension, Urologic aspects of arterial, 67; artificial ductus arteriosus in dog with secondary, in pulmonary artery, 87; kidney and, 175; malignant, with unilateral renal-artery occlusion, 175; unilateral pyelonephritis accompanied by; relieved by nephrectomy, 279; pathology and treatment of portal, 350; reviews and considerations of blood coagulation in patients with portal, subjected to splenorenal anastomosis, 358; medical and surgical treatment of permanent arterial, 439; study of bilateral total adrenalectomy in malignant, and chronic nephritis; preliminary report, 488; acute pancreatitis; significance of associated, 563

Hyperthyroidism, Use of antithyroid drugs in, 433; results in treatment of, with radioiodine (I^{131}), 433

Hypotension, Preliminary report on controlled, 195; certain considerations of controlled, in course of anesthesia, 300

Hypothyroidism, Peripheral nerve regeneration in experimental, 242

Hysterectomy, Morbidity studies in 1,000 consecutive cases of, 45

ICE, Pathogenesis of experimental shock due to, (cold), 412

Icterus, Postoperative, following gastric resection for duodenal ulcer, 143

Ileitis, Persistent or recurrent proximal, following surgery, 34

Ileum, Nonspecific inflammatory ileocecal tumors of, and cecum, 566

Ileus Paralytic, 147

Ilium, Relationship between sacroiliac junction and spinal deformities, 379

Immunity, Immunological aspects of, in autografts and homografts in rabbits tested by in vivo and in vitro techniques, 93

Infarction of left colon, 463

Infections, Nonpeptic, as probable origin of certain types of esophagitis, 25; bacteroides, of female genital tract, 47; antibacterial management of urinary tract, 67; prevention of, of thoracic surgical wounds by staphylococci from patient's skin, 137; experimental studies on hepatic flora in man, 258; chemotherapy and antibiotics in surgical, 398; fetal, 485; method for determination of antibacterial potency of serum during therapy of acute, 509; terramycin and aureomycin in surgical; report of 200 cases, 509; local use of streptokinase-streptodornase in chronic refractory areas of suppuration with draining sinuses, 510; treatment of postirradiation with antibiotics; experimental study on mice, 516; why are antibiotics ineffective against viral, 597

Intervertebral disc, Experimental investigations into physical properties of, 82; clinical observations and results of 1,000 operations for lumbosciatalgia resulting from hernia of, 183; non-neurological lesions simulating protruded, 289; x-ray visualization of, 305; study of late results from operations on, 330

Intestines, Congenital atresia of small, in children, 33; spontaneous elimination of invaginated loop of bowel with recovery, 33; persistent or recurrent proximal ileitis following surgery, 34; volvulus of cecum, 34; spontaneous perforation of large bowel, 36; tryptic activity and presence of cornified squamae in mecon-

ium as diagnostic aid in congenital obstruction of, 145; treatment of acute congenital occlusions of, 145; disappearance of tetany and anemia after resection of blind loop of, 146; obstruction of, 147; paralytic ileus, 147; retrograde intussusception of efferent loop after subtotal gastrectomy, 147; volvulus of cecum, 152; anastomosis of ureter with, 176; nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; obstruction of; physiopathology, diagnosis, and treatment, 347; gallstone obstruction of, 352; neurofibromatosis of Recklinghausen in, 414; radiation injury to small, 461; diverticulosis of small, 461; acute obstruction of, in infancy, 559; acute perforation in regional enteritis, 559; enteritis necroticans, 559

Intoxication, Observations on water, in surgical patients, 506

Intussusception, Retrograde, of efferent loop after subtotal gastrectomy, 147; of ureter associated with benign polyp, 370

Iodine, Results in treatment of hyperthyroidism with radioiodine (I^{131}) 433; radioiodine in treatment of metastatic thyroid carcinoma, 435

Iridencleisis, Physiopathology and technique of, 544

Ischemia, Problems of, of lower extremity, 187

Isinglass, Plasma expanders; collective review, 521

JAUNDICE, Nuclear, and deafness, 7; differential diagnosis of, by means of liver function tests, 39; considerations in differential diagnosis of hepatocellular and obstructive, from surgical standpoint, 40

Jaw, Adamantinoma, 231; origin and treatment of malignant disease of upper, and nasal sinuses, 325; corrective procedures after operations for harelip or cleft palate and, 326

Jejunum, Spontaneous elimination of invaginated loop of bowel with recovery, 33

Joints, Multiple congenital articular rigidities, 180; loss of scapulohumeral motion (frozen shoulder), 181; evaluation of pneumarthrographs, 303; tuberculosis of bones and, 375; osteochondrolysis dissecans of knee, 379; arthroplasty and arthrodesis in arthrosis deformans coxae, 382; streptomycin in tuberculosis of bone and, 496; streptomycin in treatment of tuberculosis of bone and, 497; radiohumeral synovitis, 497; chemotherapy and surgical treatment of tuberculosis of bone and, 499; combined surgery and chemotherapy of abscesses in tuberculosis of bone and, 500; radical treatment of tuberculosis of bone and, 500; relationship between articular changes and function, 501; surgical elbow pseudarthrosis for impaired pronation and supination, 581

Jugular vein Internal jugular phlebectasia, 88

KIDNEY, Mesangium of glomerular tuft, its reaction in acute glomerulonephritis and hypertensive nephritis, 57; presence of valvulosphincters at origin of afferent glomerular arterioles in certain mammals, 59; pyelogram in extrarenal tumors, 59; results of experimental renal graft, 59; urologic aspects of arterial hypertension, 67; pathogenesis of acute failure of, associated with traumatic and toxic injury; renal ischemia, nephrotoxic damage, and ischemuric episode, 102; and hypertension, 175; malignant hypertension with unilateral occlusion of artery of, 175; anatomical and clinical observations of case of renal tuberculosis appearing strictly localized at upper pole of; question of partial nephrectomy for tuberculosis of, 175; unilateral pyelonephritis accompanied by hypertension, relieved by nephrectomy, 279; etiology of purpura of bladder and of pelvis of, and apoplexy of urinary bladder and of pelvis of, 279; shunting in human, 309; clinicostatistical study of multiple malignant tumors; renal sarcoma and epithelioma of larynx, 309; renotrophic action of testosterone propionate, 310; renotrophic action of testosterone propionate, 311; structure of glomerular tuft, 368; study of bilateral total adrenalectomy in malignant hypertension and chronic nephritis; preliminary report, 488; studies in pyelorenal backflow, 489; in tourniquet shock, with reference to circulatory changes; experimental study, 490; atrophic pyelonephritis versus congenital renal hypoplasia, 490; aluminum gels with constant phosphorus intake for control of renal phosphatic calculi, 491; perinephric cysts, 492; surgery of horseshoe, 571; new growths of, and ureter, 571; anatomic studies of liver, pancreas and, in postoperative fatalities; contribution to study of hepatorenal syndrome, 597

Knee, Typical pain in, in girls, 73; lesions of semilunar cartilages, 73; result of excision of fractured patella, 75; transplantation of semitendinosus for repair of laceration of medial collateral ligament of, 76; Milch fasciodesis for reconstruction of tibial collateral ligament, 77; surgical treatment of habitual luxation of patella, 80; fascial arthroplasty of, 184; recurrent dislocation of patella, 287; experiences with intramedullary fixation in fusion of, 290; comparative study of arthrography of, 306; osteochondrolysis dissecans of, 379

Korea, Medical air evacuation in, and its influence on future, 591

Krukenberg tumor with primary cancer in breast; study of ovarian metastases of mammary cancer, 476

Kuntscher's nail, With reference to 541 cases of fracture, 287; experiences with intramedullary fixation in knee fusion, 290

LABOR, Vasa previa, 53; present status of midforceps operation, 54; cesarean section death, 54; discussion of further 90 cases of dystocia treated by method of Willet-Gauss, 273; simple method for delivery of arms in breech presentations, 274; limitation of indications for use of forceps at superior strait, 274; symphysiotomy or pubiotomy, 275; modern trends in obstetrical anesthesia, 275; transverse presentation, 364; frequency of maternal deaths, 366; use of posterior pituitary extracts by slow continuous perfusion in treatment of functional dystocias during, 482; Kielland forceps in transverse arrest, 483; continuous caudal anesthesia in, 483; crisis in matter of indications for cesarean section, 570

Labyrinthitis, Suppurative, 236

Lacrimal glands, Dacryocystorhinostomy by intubation, 428

Larynx, Anesthesia for long or technically difficult surgical procedures on eye and, 301; clinicostatistical study of multiple malignant tumors; renal sarcoma and epithelioma of larynx, 309; progress in surgical treatment of bilateral paralysis of, 328

Leather, Place of shoes soled with, in prevention of anesthetic explosions, 401

Leg, Transplantation of semitendinosus for repair of laceration of medial collateral ligament of knee, 76; elephantiasis of lower limbs, 102; chronic edema of lower limbs, 190; torsion of, causing unusual deformity, 290; preoperative phlebography of lower limb, 389; crossed flap procedure, 404; deep venous thrombosis in, following effort or strain, 589

Legg-Perthes disease, 71

Leiomyoma, Leiomyosarcoma of rectum developing from benign, 154

Leiomyosarcoma, Of gastrointestinal tract, 141; of rectum, developing from benign leiomyoma, 154
Lens, Intraocular acrylic; recent development in surgery of cataract, 235; studies on pathogenesis of retrolental fibroplasia, 430
Leucemia, Splenectomy in, and leucosarcoma, 264
Leucosarcoma, Splenectomy in leucemia and, 264
Leucotomy, Study of 238 patients subjected to, 242
Ligament, Transplantation of semitendinosus for repair of laceration of medial collateral, of knee, 76; Milch fasciodesis for reconstruction of tibial collateral, 77
Lip, Repair of unilateral cleft, by stencil method, 119; modern concept of management of cleft, and cleft palate, 237
Lipid, In heterotrophic ossification, 103; constituents of normal bile, 260
Lipoidosis, Proptosis caused by, 115; of tendons, 580
Liver, Duodenitis and Mossé-Marchand-Mallory's cirrhosis, 34; embolic abscess of, following acute appendicitis, 36; differential diagnosis of jaundice by means of function tests of, 39; differential diagnosis of hepatocellular and obstructive jaundice from surgical standpoint, 40; study of syndrome of portal hypertension, 40; portacaval venous shunt, 40; primitive hepatic cancer in pregnancy, 52; benign ulcers of greater curvature associated with ulcerative colitis and cirrhosis of liver, 142; new document on periarterial hepatic neurectomy in treatment of hepatitis, 156; experimental investigation of intrahepatic circulation after arteriovenous hepaticoportal anastomosis, 156; possibilities of angiography of; visualization of portal system, 201; experimental studies on flora of, in man, 258; ligation of common hepatic artery in treatment of cirrhosis; first personal results, 258; regulated right hepatectomy, 258; pathology and treatment of portal hypertension, 350; polycystic disease of; study of 24 cases, 350; hepatic physiology and surgical patient, 351; protection therapy of, in operations on bile ducts, 353; study of morphologic and functional changes in, in posttraumatic states, 466; experimental studies regarding ligature of hepatic artery and anastomosis between hepatic artery and portal vein, 467; thrombosis of hepatic veins; Budd-Chiari syndrome, 471; study of morphologic and functional modifications of, in posttraumatic period, 517; early results following therapeutic ligation of the hepatic artery, 562; anatomic studies of kidneys, pancreas and, in postoperative fatalities; study of hepatorenal syndrome, 597
Lumbosciatalgia, Clinical observations and results of 1,000 operations for, resulting from hernia of intervertebral disc, 183
Lungs, Considerations of group of tuberculous patients operated upon by thoracoplasty, 14; primary anterolateral thoracoplasty; preliminary report, 14; late results in treatment of pulmonary tuberculosis by thoracoplasty, 15; anatomic study, classification, origin, and histogenesis of "air cysts" of, 15; developmental origin of cystic, bronchiectatic, and emphysematous changes in; new concept, 16; treatment of residual post-abscess cavities of, 17; results of surgery for bronchiectasis, 17; extirpation of, in treatment of tumors of, 18; coexistent bronchogenic carcinoma and active pulmonary tuberculosis, 19; bronchial carcinoma; 196 surgical cases, 19; extrapleural pneumothorax by axillary intercostal route, 20; observations on diagnostic value of pulmonary angiography in bronchiogenic carcinoma, 95; maintenance of life by homologous, and mechanical circulation, 104; traumatic bronchial rupture with plastic repair, 127; anomalies of pulmonary veins; their surgical significance, 127; bronchial arteries, their role in pulmonary embolism and infarction, 127; pulmonary decortication in tuberculosis, 128; minute peripheral pulmonary tumors, 128; bronchial "adenoma" treated by local resection and reconstruction of left main bronchus, 128; 5 cases of "adenochondroma" of, 128; bronchogenic carcinoma, 129; bronchogenic carcinoma; its frequency, diagnosis, and early treatment, 129; open pneumonolysis; its value and its limitations, 130; suppurating bronchiogenic cysts, 138; fatal pulmonary emboli; study of 130 autopsy-proved fatal emboli, 192; electrokymographic studies in pulmonary stenosis and tetralogy of Fallot, 199; primary pulmonary tuberculosis as cause of bronchiectasis in children, 245; clinical features of operable and inoperable bronchogenic carcinoma, 245; study to determine effect of prevention of overdistention of remaining tissue of, on elevated right ventricular pressures following resection of tissue of, in dogs, 246; experimental studies of collateral ventilation of, 333; effects upon, of varying periods of temporary occlusion of pulmonary artery, 333; clinical significance of hemoptysis, 334; simple excision in treatment of pulmonary tuberculosis, 334; toxic suppuration of, and endobronchial antibiotic therapy, 335; bronchial adenomas; polypoid tumors of slow evolution, 335; so-called bronchial adenomas are epitheliomas with modified stroma; indications of bronchial tumor with myoepithelial cells, 336; pleuropulmonary resection with hemidiaphragmectomy; preliminary report, 336; researches on arterial oxygen saturation before and after pneumonectomy, 337; hematological changes in patients with congenital cyanotic heart disease who have been subjected to operations designed to improve circulation to, 337; surgical implications suggested by study of 54 anatomical specimens of tetralogy of Fallot, 338; anatomic survey of anomalous pulmonary veins; their clinical significance, 339; case of isolated congenital stenosis of pulmonary artery, 340; cardiovascular repercussions in exeresis of; clinical and experimental study, 402; angiopulmography, 410; roentgenological picture in chronic, nonspecific fibrosis of middle lobe, with regard to value of planigraphy, 410; preparation for bronchiography and local anesthesia of bronchial tree, 442; circulatory and respiratory effects of continuous versus phasic inflation of, in open-chest dogs, 442; cystic pulmonary sequestration with abnormal artery of aortic origin; 6 case reports, 442; actual status of extrafascial apicolysis in surgical treatment of pulmonary tuberculosis, 443; indications and contraindications for decortication procedures in pulmonary tuberculosis, 443; pulmonary functional capacity after lobectomy or segmentary resection in pulmonary tuberculosis, 444; 100 cases of pulmonary extirpation for tuberculosis, 445; pulmonary resection and undecylenic acid in systemic blastomycosis, 446; results in 61 cases of echinococcus cysts of, treated surgically, 447; alveolar cell tumor of, 448; nosology of bronchial epistomas; epitheliomas with transformed stroma, 448; is it possible to determine operability of bronchogenic carcinoma by roentgenologic examination, 449; coverage of bronchial stump with transplanted periosteal flap, 449; physiologic studies following thoracic surgery, 450; encysted pleuropulmonary hematomas, 550; primary carcinoma of, 550; newer palliative measures in management of inoperable bronchogenic carcinoma, 550; pathophysiology of respiration after lobectomy and pulmonectomy, 551; functional problems in cardiac and pulmonary diseases and remarks on surgical intervention, 551; fatal pulmonary embolism in

Heidelberg clinics; (study of 377 cases over a 20 year period), 590; aspiration and aspiration pneumonia, 591; roentgenogram of middle lobe, syndrome, 594
Lymphedema, Elephantiasis of lower limbs, 102
Lymphogranuloma venereum, Granulomatous lesions of anorectal region, 38
Lymphoid tissue, Occurrence of, in urinary organs, 374
Lymphosarcoma, Primary, of stomach, 458, 458; roentgen manifestations of, of stomach, 512
Lymphosarcomatosis, Multiple location in digestive tract of Kundrat's type of, 141
Lymph system, Chronic edema of lower limbs, 190; nitrogen mustard therapy in Hodgkin's disease, lymphoreticulosarcomatosis and lymphatic leucemia, 413
Lysoenzymes, In neoplastic tissue, 414; behavior of, in blood serum of patients suffering from neoplasms, 597

MACULA, Atypical coloboma of choroid with dysplasia of, 5
Madelung's deformity, Etiology and pathogenesis of, 498
Malformations, Double aortic arch, 133; surgical management of congenital, of anus and rectum, 153; hydrocephalic births, 172; neonatal surgery; early treatment of congenital, 197; congenital, of eye induced in mice by maternal anoxia, 232; familial dysgenesis of both elbows; previously unreported congenital disease of extremities, 285
Malignancy, Primary neoplasms of spermatic cord and epididymis: 2 case reports, 66; tumors of testicle, 66; systemic enzyme changes induced by radiation therapy of tumors, 101; multiple primary tumors involving colon and rectum; report of 94 cases, 154; radiation therapy of melanoma, 203; melanoblastoma, 205; synovial sarcoma, with report of 4 cases, 207; clinicostatistical study of multiple tumors; renal sarcoma and epithelioma of larynx, 309; origin and treatment of, of upper jaw and nasal sinuses, 325; melanoma of rectum, 349; results of treatment of ovarian, 359; triethylene melamine therapy in Hodgkin's and other, 413; observations on use of triethylene melamine in neoplastic diseases, 413; comparative cytohistological study of tumors; phase-contrast picture, 414; degeneration of gastric ulcers, 457; diagnosis and management of uterine, 472; present status of exfoliative cytology in diagnosis of gastrointestinal, 560
Mandible, Treatment of bilateral fractures of edentulous, 8; fractures of; their orthodontic treatment, 322; plasmacytoma of, 323; treatment of tumors of inferior alveolus and, 427
Massage, Cardiac resuscitation; collective review, 313
Mastoidectomy, 118
Maxilla, Maxillofacial injuries, 1; management of cleft palate cases involving hard palate so as not to interfere with growth of, 119
Maxilla, Osteomyelitis of, 322
Meconium, Tryptic activity and cornified squamae in, as diagnostic aid in congenital obstruction, 145
Mediastinum, In syndrome of adhesive pericarditis, 23; surgical treatment of tumors of, 26; observations and semeiotic stratigraphic notes concerning adenopathies of, 96; mediastinal gastric cyst; successful excision in 8-week-old infant, 143; esophagus and lymphadenopathy of, in bronchial carcinoma, 199; tuberculoma of, 249; intrathoracic cysts of, and their classification, 342; paramediastinal cyst containing parotid enzymes; differential diagnosis of cysts of, and their surgical therapy, 456
Megacolon, in adult, 257
Melanoblastoma, 205; and its therapy; experiences with irradiation at close range, 100
Melanoma, Malignant, of rectum, 349; possible malignant, of choroid, 544
Ménière's disease, Viewpoints on operative treatment in, 432
Meningioma, Intraventricular, simulating pituitary tumor, 11
Meningioma, Roentgenologic aspects of, 511
Menstruation, Endocrine therapy in treatment of functional amenorrhea and functional oligohypomenorrhea, 270
Mercury, Eye changes following exposure to metallic, 233
Mesangium of glomerular tuft; its reaction in acute glomerulonephritis and hypertensive nephritis, 57
Mesentery, Angiomatous enterocyst of, 147; so-called arteriomesenteric duodenal obstruction, 461; thrombosis of, following blunt abdominal trauma, 555
Metabolism, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; effects on, of anesthesia in man, 302; parathyroid glands; collective review, 417; postoperative potassium deficit and alkalosis; pathogenic significance of operative trauma and of potassium and phosphorus deprivation, 507
Metastases, Diagnosis of osseous, from cancer of prostate and Paget's disease, 64
Methonium, Preliminary report on use of compounds of, and general anesthesia in ophthalmic surgery, 5
Methyl cellulose, Plasma expanders; collective review, 521
Metrorrhagia, Nonblastomatous postmenopausal; clinical considerations, 478; etiology of periodical, or false menstruation of pregnancy; its relationship to disease conditions, 569
Minerals, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209
Mole, Anatomopathologic and clinical considerations of deciduoma malignum of uterus, 170
Mouth, Treatment of bilateral fractures of edentulous mandible, 8; squamous cell carcinoma of floor of, 238; indications for radical surgery in treatment of head and neck cancer, 433; application of combined hemimandibulectomy and neck dissection to carcinoma of, 543; treatment of oroantral fistula, 545
Mucosa, Observations of, of cervical canal in gynecologic lesions, 359
Muscles, Retroplacement of inferior oblique at its scleral insertion, 5; value of orthoptics in treatment of squint, 324; case of myositis ossificans with calcific deposits in conjunctiva of possible hyperparathyroid origin, 519
Mutation, Genetic aspects of radiation risks, 595
Myasthenia gravis, Ablation of mediastinal tumor of thymus and of hyperplastic thymus gland, 205; thymectomy in treatment of, 250
Myeloma, Variations in roentgen appearance of skeletal system in, 202
Myoblastoma, Tumor of male urethra; of perineal portion of urethra, 494
Myofibroma, Causes of mortality in supravaginal abdominal hysterectomy for, 360
Myoma, Uterus with complicated by pregnancy, 172
Myomectomy, Results of, by hemostatic technique of Borrás, 267; surgical technique and results in series of 1,150 cases, 359
Myositis ossificans, Case of, with calcific deposits in conjunctiva of possible hyperparathyroid origin, 519

NASOPHARYNX, Lesions of, in sarcoidosis, 199
Neck, Simultaneous bilateral radical dissection of, with recovery; report of 2 cases, 10; subacute thyroiditis, 120; branchial cysts and fistulas; study of 75 cases

relative to clinical aspects and treatment, 122; treatment of cervicofacial actinomycosis with regard to penicillin therapy, 239; injuries of cervical spine treated by wire extension through skull, 330; new hazard in cervical laminectomy, 438; management of cancer of head and, by general surgeon, 543; application of combined hemimandibulectomy and dissection of, to oral carcinoma, 543; combined operations in management of cancer of head and, 545

Necrosis, Avascular, of bone, 71; aseptic osseous, 384; extensive, of skin and subcutaneous tissue after local anesthesia with usual novocain-adrenalin solution, 401; experimental cerebral radionecrosis produced by contact roentgen therapy, 593

Nerves, Extratemporal repair of facial; case reports, 124; neurovascular mechanism and control of intraocular pressure, 233; effect of sclerosis of, on ascent of tetanus toxin in sciatic, of rabbits and on development of local tetanus, 416; management of traumatic lesions of facial, 437

Nervous system, Anesthesia by controlled inhibition of autonomic, 194; chemical, histopathological, and electroencephalographic basis of dynamic theory of general anesthesia, 298

Neurofibroma, Cervical, in differential diagnosis of carotid body tumor, 545

Neurofibromatosis, Intestinal form of, of Recklinghausen, 414

Neuromas, Discussion on origin of so-called amputation, after cholecystectomy, 158

Neurosurgery, With reference to, for pain amelioration in instances of incurable genital carcinoma: experience with sacral resection of hypogastric and pelvic nerves according to Thiermann, 271

Newborn, Asphyxia of, 55; treatment of acute congenital occlusions of intestine, 145; neonatal surgery: early treatment of congenital malformations, 197; traumatisms of, 276; postthemorrhagic shock in, 276; antenatal prediction of hemolytic disease of, 277; treatment of hemolytic disease of, 277; functional evaluation of adrenal cortex in, 311; eosinophile response in, and pregnancy at term, 312; diagnosis and treatment of hemolytic disease of, 364; results of treatment of hemolytic disease of, 365; pathology of fetal and neonatal asphyxia, 483; fetal anoxia, with review of cases, 484

Nipple, Bleeding from, 126

Nitrogen, Experimental evaluation of effectiveness of pancreatin in reducing loss of fecal, and fat following total gastrectomy, 159

Nitrogen mustard therapy in Hodgkin's disease, lymphoreticulosarcomatosis and lymphatic leucemia; results of treatment, 413

Nose, Severe bleeding of, and its treatment, 8; experiences in use of general anesthesia for corrective rhinoplasty, 195; management of recent fractures of, 236; congenital dermoid cysts of, 237; intranasal encephaloceles, 237; intranasal chondrosarcoma, 544

Novocain, Intravenous use of, in medicosurgical practice, 310

Novocain-adrenalin, Extensive necrosis of skin and subcutaneous tissue after local anesthesia with usual solution of, 401

Nuclear reactions, Acute radiation syndrome; study of 9 cases and review of problem, 203

Nutrition, Parenteral, with solution containing 1,000 calories per liter, 91; following total gastrectomy with reference to fat and protein assimilation; collective review, 209; amblyopia, 428; roentgen findings in instances of "digestive megasplanchnia," 594

OBESITY, Treatment of maternal, 363

Obstetrics, Venous thrombosis in, and gynecology, 46; clinical reports of Rotunda Hospital, Coombe Lying-In Hospital, and National Maternity Hospital, 56; clinical review of thrombocid, synthetic heparin, in, and gynecology, 366; use of curare locally in surgery and, 400; preventive medicine in, 486

Oddi's sphincter, Roentgenologic demonstration of active emptying function of, 407

Oleogranulomas, Of rectum following rectal instillation of petrolatum or ointments containing petrolatum, 154

Omentum, Torsion, infarction, and hemorrhage of, as cause of acute abdominal distress, 43

Omphalomesenteric duct, Open, 29

Operation, Importance of blood volume studies in management of surgical patients, 91; fluctuations in number of eosinophils in blood after, 192; device producing regulated assisted respiration, prevention of hypoventilation and mediastinal motion during intrathoracic surgery, 196; T-piece technique for general inhalational anesthesia, 196; electrolytes in surgery, 207; elderly surgical patient, 309; cardiac resuscitation; collective review, 313; analyses of 221 patients with goiter who were subjected to, 327; posture and approach in thoracic surgery, 343; hepatic physiology and surgical patient, 351; liver protection therapy in, on bile ducts, 353; plasma proteins after, 394; protein deficit in surgery, 394; evaluation of capillary permeability in collapse after, and its treatment with saline infusions, studied by hematocrit-protein diagram, 395; use of curare locally in surgery and obstetrics, 400; prevention and treatment of disturbances of cardiac rhythm registered by electrocardiography during surgery of heart, 402; transdiaphragmatic gastrectomy, 459; complaints after gastric, 460; information furnished by introduction in course of, of opaque media into pancreatic duct by its drainage and by study of pancreatic secretion, 471; experience with Le Fort-Neugebauer's, for complete prolapse; 58 cases, 472; major, in old people, 505; water and electrolyte balance in surgery, 505; observations on water intoxication in surgical patients, 506; role of anticoagulant therapy in surgery, 507; replacement of gastric and intestinal fluid losses in surgery, 508; surgical use of ACTH and cortisone, 517

Orbit, Implants for; review of results obtained at Moorfields branch of Moorfields, Westminster, and Central Eye Hospital, London, 115; periorbital tumors, 116; auscultation of, as diagnostic method in unilateral exophthalmos, 323

Orthopedic surgery, Homoplastic bone granulate as implantation material in, 587; repair of soft tissue in traumatic surgery and, 591

Os calcis, Early mobilization in treatment of fractures of, 387

Ossification, Lipids in heterotrophic, 103

Osteitis, Postoperative, of pubic bone; study of 20 cases, 281; unilateral limb lengthening associated with hematogenous, in childhood, 286

Osteochondritis, Pathogenesis and classification of, 283

Osteochondritis dissecans, Pathogenesis of, 180; with spontaneous healing, 180; spontaneous cure of, 180; multiple hereditary disturbances of epiphyses and, 305

Osteogenesis, Potency for, and new-bone formation by induction in transplants to anterior chamber of eye, 387

Osteoma, Osteoid, 205

Osteomyelitis, Of maxilla, 322; new method in treatment of hematogenous, 387; resection of diaphysis of long tubular bones in hematogenous acute suppurative 499

Osteoporosis, Painful, of pubis 66

Otosclerosis, Closed method of fenestration, 7; genesis of, 7
Ovary, Influence of ultrasonic energy on structure of, (experimental study), 104; thecocellular tumors of, 166; homologous tumors of, and testicle, 166; carcinoma of, 202; results of treatment of malignancies of, 359; functional tumors of, 476; dysgerminoma of, 476; Krukenberg tumor with primary cancer in breast; metastases of mammary cancer in, 476; pregnancy in, 480; experimental investigation on genesis of tumors of, 567
Oxygen, Researches on arterial saturation of, before and after pneumonectomy, 337; fetal anoxia, 484
Oxypolygelatin, Plasma expanders; collective review, 521

PAGET'S disease, Diagnosis of osseous metastases from cancer of prostate and, 64
Pain, Surgery of, in incurable cancer, 11; in breast, 13; in carcinoma of breast, 13; chemical nerve block for amelioration of, in cases of inoperable genital carcinoma, 271; neurosurgical amelioration of, in instances of incurable genital carcinoma: experience with sacral resection of hypogastric and pelvic nerves according to Thiermann, 271; non-neurological lesions simulating protruded intervertebral disc, 289
Palate, Management of cases of cleft, with involvement of hard, so as not to interfere with growth of maxilla, 119; bone flap technique in surgery of cleft, 119; modern concept of management of cleft lip and cleft, 237; corrective procedures after operations for harelip or cleft jaw and, 326
Pancreas, Acute necrosis of; etiology and pathogenesis, 43; cystadenoma of, 43; direct roentgenologic demonstration of, 98; islet-cell tumor of, 161; islet-celled tumor of, with unusual clinicopathological features, 262; carcinoma of, 262; observations on resection of head of, 263; nonpenetrating abdominal trauma, with reference to lesions of duodenum and, 264; aberrant; cause of duodenal syndrome, 354; 2 cases of cancer of, simulating chronic pancreatitis and idiopathic sprue, 357; roentgenologic findings accompanying carcinoma of, 407; 2 contributions on injuries of, with suggestion of predigestion of food by duodenal juice of relatives in absence of digestive ferments of stomach, liver, and, 469; islet-cell tumors of, 470; primary reticulosarcoma of, 471; islet-cell adenoma of, 563; anatomic studies of liver, kidneys and, in postoperative fatalities; study of hepatorenal syndrome, 597
Pancreatic duct, Information furnished by introduction in course of operation of opaque media into, by its drainage and by study of pancreatic secretion, 471
Pancreatin, Experimental evaluation of effectiveness of, in reducing fecal nitrogen and fat loss following total gastrectomy, 159
Pancreatitis, Pathogenesis of acute, 160; choice of therapeutic measures in management of chronic relapsing, and pancreatolithiasis, 160; current concepts, 355; serum amylase levels in experimental, 357; role of trypsin in pathogenesis of acute hemorrhagic, and effect of antitryptic agent in treatment, 357; treatment of experimental acute with banthine, 357; compression of common bile duct by chronic, 468; experimental production of, with ethionine 469; acute; significance of associated hypertension, 563
Papillomatosis, Cystectomy in invasive-infiltrative, of urinary bladder and of juxtavesical portions of ureters, 368
Paralysis, Transient monocular blindness associated with hemiplegia, 2; due to antirabies vaccine, 93; attempts to treat cerebrovascular accidents and their sequelae, 123; progress in surgical treatment of bilateral laryngeal, 328; serum polyneuritis following tetanus antitoxin with unusual localization of, and late injury, 399; paresis of abducens nerve following spinal anesthesia, 400; epidemic infantile, in pregnancy and childbirth, 481
Paraplegia, Indications for neurosurgical establishment of bladder automaticity in, 62; scoliosis complicated by, 82
Parathyroid glands, Cysts of, 9; collective review, 417; tumoral calcinosis which was greatly improved by thymoparathyroidectomy; study of calcium balance after minimal intake, 518; case of myositis ossificans with calcific deposits in conjunctiva of possible hyperparathyroid origin, 519; primary hyperparathyroidism, 519
Parotid gland, Tumors of, 115; sialography of, 198; operative removal of tumors of, 543
Patella, Result of excision of fractured, 75; surgical treatment of habitual luxation of, 80; recurrent dislocation of, 287; results of chondrectomy in chondromalacia of, 379
Pectin, Plasma expanders; collective review, 521
Pelvis, Phlebography of, by transosseous route, 46; surgery of advanced cancer of, in women, 49; follow-up studies following total viscerectomy of, 162; presentation of rapid sequence phlebography of, on film strips; technical, physiologic, and clinical conclusions, 269; fractures of neck of femur following irradiation of, 286; studies on angiography of, in women, 477
Penicillin, Treatment of cervicofacial actinomycosis with regard to therapy with, 239
Pepsin, Studies on secretion of, 252
Pericarditis, Ballistocardiogram in constrictive, before and after pericardiectomy, 23; mediastinal component in syndrome of adhesive, 23; constrictive; etiology; clinical history of 4 cases of tuberculous, including 2 cases of constrictive type, 134; constrictive, and constrictive pleuritis treated by pericardiectomy and pulmonary decortication, 134; present day surgical concepts in chronic constrictive, 248; etiology and prognosis of constrictive, 453
Perineum, Present treatment of diffuse periurethral phlegmon, 577
Peripheral nerves, Injuries of, 125; regeneration of, in experimental hypothyroidism, 242
Peritoneum, Oil granuloma of, 251
Peritonitis, Terramycin in treatment of, 139; alterations in clinical course of diffuse, of genital origin; report of 7 cases, 478
Perthes disease, Operative treatment of, by means of boring and pegging, 75
Petrolatum, Oleogranulomas of rectum following rectal instillation of petrolatum or ointments containing, 154
Pharynx, Cancer of hypopharynx and its surgical treatment, 545
Phase-contrast procedure, Comparative cytohistological study of malignant tumors; picture shown by, 414
Pheochromocytoma; Negative benzodioxane test in presence of, 279; diagnosis and treatment, 367; case report of successful thoracoabdominal operation after 9 negative surgical explorations, 487
Phlebectasia, Internal jugular, 88
Phlebogram, Diagnostic value of, in intermittent obstruction of subclavian vein, 189
Phlebothrombosis, Silicone-tube coagulation time as aid in diagnosis of, 87
Phlegmon, Present treatment of diffuse periurethral, 577
Phosphorus, Parathyroid glands; collective review, 417
Pilonidal sinus, Pathology of interdigital, 412
Pineal gland, Studies regarding determination of normal location of, on normal craniogram, 95

Pituitary gland, Tumors of, and its environs, 124; symptoms and treatment of tumors of, 437; use of extracts of posterior lobe of, by slow continuous perfusion in treatment of functional dystocias during labor, 482; general review of Sheehan's syndrome, 599
Placenta, Circulation of; maternal and fetal, 55; calcification of, in roentgen pregnancy study, 202; disturbances of coagulation of blood in cases of severe premature separation of, 363; diffuse reticulohemangioendothelioma of, with polyhydramnios and celomic monster exhibiting multiple malformations, 482
Placenta previa, 51; 11-year review, 172
Plasma, Variations of coagulation time of heparinized, following delivery, 54; present status of volume expanders of, in treatment of shock, 92; proteins of, after operation, 394; expanders of; collective review, 521
Plasmacytoma, Solitary, 103; of mandible, 323; multiple myeloma and trauma, 597
Plastic surgery, Treatment of bilateral fractures of edentulous mandible, 8; management of cleft palate cases involving hard palate so as not to interfere with growth of maxilla, 119; repair of unilateral cleft lip by stencil method, 119; bone flap technique in cleft palate surgery, 119; traumatic bronchial rupture with, 127; modern concept of cleft lip and cleft palate management, 237; cross-finger flaps in treatment of injuries to finger tip, 302; use of temporary polythene shunts and frozen homologous graft replacement of major arterial segments in traumatic and malignancy surgery, 391; mass treatment of burns in atomic warfare, 397; cross-leg flap procedure, 404; complete avulsion of scalp, 427; surgical construction of conjunctival cul-de-sac and preferred methods for partial or total socket restoration, 430; use of tantalum wire and mesh for abdominal repair by, 457; elementary technique of repair of cutaneous losses of fingers, 509; production of ectopic cartilage, 519; transplantation studies on sheets of pure epidermal epithelium and on epidermal cell suspensions, 520; secondary contracting tendency of free skin grafts, 520; of trachea and bronchi, 549
Pleura, Pleuropulmonary resection with hemidiaphragmectomy; preliminary report, 336
Pleuritis, Constrictive pericarditis and constrictive, treated by pericardiectomy and pulmonary decortification, 134
Pneumarthrographs, Evaluation of, 303
Pneumonia, Aspiration and aspiration, 591
Pneumothorax, Extrapleural, by axillary intercostal route, 20; spontaneous contralateral, complicating thoracic surgical procedures, 130
Poliomyelitis, Local stimulation of growth of long bones, 70; certain procedures for surgical rehabilitation of hand in, 381; epidemic infantile paralysis in pregnancy and childbirth, 481
Polyps, Gastric, 144; multiple; results of fulguration of, in distal portion of colon after ileosigmoidostomy and colectomy, 149; intussusception of ureter associated with benign, 370; adenomatous of colon and rectum, 561
Polythene, Substitution of extrahepatic biliary ducts with tubes of, 43; use of temporary shunts of, to permit occlusion, resection, and frozen homologous graft replacement of vital vessel segments, 292; observations on use of temporary shunts of, and frozen homologous graft replacement of major arterial segments in traumatic and malignancy surgery, 391
Polyvinyl alcohol, Plasma expanders; collective review, 521
Polyvinylpyrrolidone (PVP), Shock therapy with intraperitoneal infusion of blood volume replenishers; dextran and, 92; plasma expanders; collective review, 521
Potassium, Postoperative deficit of, and metabolic alkalosis; pathogenic significance of operative trauma and of deprivation of, and phosphorus, 507
Pregnancy, Diagnosis and management of ectopic, 50; roentgenography in hemoperitoneum of tubal, 50; clinical report on toxemias of, 51; retinal changes in toxemias of, 51; placenta previa, 51; primitive hepatic cancer in, 52; habitual abortion, 53; trends in therapeutic abortion; review of 137 cases, 53; vasa previa, 53; myomatous uterus complicated by, 172; placenta previa; 11-year review, 172; study of circulation of amniotic fluid in man, 173; regulatory and adaptative factors in intrauterine fetal development, 173; placental calcification in roentgen study of, 202; hydration treatment of eclampsia, 273; practical experiences with interruption of, and sterilization in familial erythroblastosis, 273; endometrial tuberculosis and completed, 277; duration of, and postmaturity, 277; eosinophile response in newborn and, at term, 312; treatment of maternal obesity, 363; disturbances of coagulation of blood in cases of severe premature separation of placenta, 363; endometriosis in; clinical observations, 364; nonfatal case of amniotic fluid embolism, 365; ovarian, 480; hypertensive toxemias of, 480; toxemic accidental hemorrhage, 480; etiology of pre-eclampsia eclampsia, 481; associated with congenital abnormalities of female reproductive tract, 481; epidemic infantile paralysis in, and childbirth, 481; diffuse reticulohemangioendothelioma of placenta with polyhydramnios and celomic monster exhibiting multiple malformations, 482; rhesus factor (D) at Maternity Department of University of Louvain; results of prenatal investigation and technique of exchange transfusion treatment, 485; fetal infections, 485; etiology of periodical metrorrhagia or false menstruation of; its relationship to disease conditions, 569; considerations on pathogenesis of varicosities during 569; chronic ulcerative colitis and, 569; Hodgkin's disease in; with report of 12 cases, 570
Presentations, Simple method for delivery of arms in breech, 274; transverse, 364; Kielland forceps in transverse arrest, 483
Priscoline, Intra-arterial therapy with, for peripheral vascular disturbances, 503
Propylthiouracil, Observations on use of, in hyperthyroidism with reference to long term treatment, 121
Prostatectomy, Osteoporosis dolorosa of pubis, 66; report on 100 cases of retropubic, (Millin), 372
Prostate gland, Diagnosis of osseous metastases from cancer of, and Paget's disease, 64; diseases of, and bladder; present day management, 178; proctologic manifestations of carcinoma of, 280; retropubic surgery in benign lesions of, 281; late results of perurethral resection of, 281; urethral rupture at apex of, 494; carcinoma of, with reference to hormonal treatment, 494; cancer of, 578
Prostheses, Indications and results of arthroplastic, in malum coxae, 381
Protein, Nutrition following total gastrectomy with reference to assimilation of fat and; collective review, 209; curves of concentration of red cells, activity of cholinesterase in serum, and after gynecologic interventions, 269; experimental study of assimilation of, and fat after total gastrectomy, 347; plasma, after operation, 394; deficit of, in surgery, 394; combined

effect of cortisone and partial depletion of, on wound healing, 509
Prothrombin, Mechanism of blood coagulation; historical review and outline of modern concepts; collective review, 105; relations between time for action of, and thromboplastin after splenectomy; experimental and clinical study, 162
Pseudoglioma, 117
Psychosis, Anterior cingulectomy in treatment of mental disease, 242
Pubes, Osteoporosis dolorosa of, 66; postoperative osteitis of; study of 20 cases, 281
Pubiotomy, Symphysiotomy or, 275
Puerperium, Variations of coagulation time of heparinized plasma following delivery, 54; level of prothrombinemia and thromboplastic factors following delivery, 55; pathogenetic considerations of thrombophlebitis of upper extremity in, 56; general review of Sheehan's syndrome, 599
Purpura, With reference to etiology of, of bladder and of renal pelvis and to apoplexy of urinary bladder and renal pelvis, 279
Pyelogram in extrarenal tumors, 59
Pyelonephritis, Atrophic, versus congenital renal hypoplasia, 490
Pylorus, Functional conditions of, with emphasis on achalasia and acleisia, 97; perigastric adhesions and bands involving antrum of, 200; relation of gastric secretion to events following obstruction of, 344; clinicoroentgenologic considerations on permanent prolapse of gastric adenoma through, 457

RADIATION, Hazards of, to embryo and fetus, 305; studies on nature of hemorrhagic state in injury due to, 410; physical characteristics of, in cobalt^{60} beam therapy, 411; injury to small intestine from, 461; clinical possibilities of cobalt^{60} beam unit, 515; cytological and cytochemical approach to understanding of damage in dividing cells from, 515; treatment of infection after, with antibiotics; experimental study on mice, 516; experimental cerebral radionecrosis produced by contact therapy, 593; genetic aspects of risks from, 595; hemorrhagic phase of acute syndrome of, due to exposure of whole body to penetrating ionizing, 596
Radiation syndrome, Acute; study of 9 cases and review of problem, 203
Radiation therapy, Response of human tissues to radiation with reference to differentiation, 99; of malignant melanoma, 203; reconstruction of injuries following excessive, 403
Radioactivity, Detection of intraocular tumors with phosphorus having, 117; employment of iodine with, in storage test for diagnosis of thyroid diseases, 120; uptake of phosphorus with, in normal brain and brain tumors, 123
Radionecrosis, Hysterographically visualized, following intrauterine radiation of cancer of corpus of uterus, 408
Radium, Sexual life of patients with carcinoma of cervix cured by irradiation, 45; development of clubfoot due to disturbance of epiphysial growth following treatment with, of hemangioma, 98; limitations of histology in prognosis of radiation-treated cancer, 204; cancer of gums, 238; fractures of neck of femur following irradiation of pelvis, 286; pathological study of retinoblastoma treated by radon seeds and discs of, 432
Radius, Madelung's deformity; etiology and pathogenesis, 498
Radon, Pathological study of retinoblastoma treated by seeds of, and radium discs, 432
Rectum, Rectosigmoidectomy for Hirschsprung's disease, 37; double tumor of, and colon, 38; some observations on treatment of carcinoma of, 38; granulomatous lesions of region of, and anus, 38; anal canal and, 153; surgical management of congenital malformations of anus and, 153; oleogranulomas of, following rectal instillation of petrolatum or ointments containing petrolatum, 154; multiple primary malignant tumors involving colon and; report of 94 cases, 154; total extirpation in treatment of cancer of, and personal technique, 154; leiomyosarcoma of, developing from benign leiomyoma, 154; value of routine anosigmoidoscopy as diagnostic procedure in general practice, 154; anterior resection of carcinoma of, 257; carcinoma rising in adenomas of colon and, 349; malignant melanoma of, 349; new point of view on operative treatment of prolapse of, 464; carcinoma of rectosigmoid and upper part of, 465; extirpation of, by sacroabdominal approach, 466; adenomatous polyps of colon and, 561; cancer of, 562; construction of sphincter of, and restoration of anal continence by transplanting the gracilis muscle, 562
Rehabilitation of amputee, 81
Respiration, Anesthesia for surgical correction of cardiorespiratory anomalies, 402; circulatory effects and, of continuous versus phasic lung inflation in open-chest dogs, 442; physiologic studies following thoracic surgery, 450; pathophysiology of, after lobectomy and pulmonectomy, 551
Resuscitation, Comments on death and, after electric shock in New Zealand, 93; cardiac; collective review, 313
Reticulosarcoma, Of cecum, 463; primary, of pancreas, 471
Retina, Changes in, in toxemias of pregnancy, 51; subclinical detachments of, 431; experiences with tumors of, 431
Retinoblastoma, Pathological study of, treated by radon seeds and radium discs, 432
Rhesus factor (D) at Maternity Department of University of Louvain; results of prenatal investigation and technique of exchange transfusion treatment, 485
Rhinoplasty, Experiences in use of general anesthesia for corrective, 195
Ribs, Spontaneous fractures of both first, 549
Roentgenography, Struma lymphomatosa (Hashimoto's struma); review of 51 cases with discussion of endocrinologic aspects, 9; diagnosis of gliomas by combined electroencephalographic and angiographic studies, 11; complications of gastrointestinal diverticula demonstrated by, 29; angulations of gallbladder, 41; venograms found in connection with hysterosalpingography, 45; pelvic phlebography by transosseous route, 46; urologic aspects of endometriosis; renal, ureteral, and vesical forms, 48; in hemoperitoneum of tubal pregnancy, 50; direct and retrograde aortography, 84; studies regarding determination of normal location of pineal gland on normal craniogram, 95; further observations on diagnostic value of pulmonary angiography in bronchiogenic carcinoma, 95; observations and semeiotic stratigraphic notes concerning mediastinal adenopathies, 96; functional conditions of pylorus with emphasis on achalasia and acleisia, 97; direct demonstration of pancreas, 98; second report on diverticulosis of colon; differential diagnosis, 148; control by manometry and, of biliary tract during operation, 155; stratigraphic study of optic canal, 198; sialography of parotid gland, 198;

nasopharyngeal lesions in sarcoidosis, 199; electrokymographic studies in pulmonary stenosis and tetralogy of Fallot, 199; esophagus and mediastinal lymphadenopathy in bronchial carcinoma, 199; perigastric adhesions and bands involving pyloric antrum, 200; clinical studies on use of controlled intragastric pressure for, of lesions in and about fundus of stomach, 201; possibilities of angiography of liver; visualization of portal system, 201; placental calcification in pregnancy study with, 202; retropneumoperitoneum applied to study of suprarenal gland, 202; variations in appearance of skeletal system in myeloma, 202; presentation of rapid sequence pelvic phlebography on film strips; technical, physiologic, and clinical conclusions, 269; differential diagnosis of congenital and of acquired vertebral synostoses, 285; evaluation of pneumarthrographs, 303; thoracic aortography, with reference to its value in patent ductus arteriosus and coarctation of aorta, 303; topographic and morphologic modifications of gastrointestinal tract produced by extrinsic tumors, 304; multiple hereditary disturbances of epiphyses and osteochondrosis dissecans, 305; x-ray visualization of intervertebral disc, 305; comparative study of arthrography of knee joint, 306; translumbar arteriography: its interpretation, 306; use of angiography in diagnosis of space-occupying intracranial lesions, 329; uncommon compressing lesions of spinal cord and its membranes, 330; unusual variant of double aortic arch, 340; segmental atrophic gastritis; differentiation from early stage of stomach cancer, 345; translumbar arteriography in urology, 373; results of chondrectomy in chondromalacia of patella, 379; tibia vara (osteochondrosis deformans tibiae), 380; preoperative phlebography of lower limb, 389; stereomicroradiography, 405; cranial clues to intracranial abnormality, 405; factors influencing filling of anterior cerebral artery in arteriography, 405; symmetrical calcification in cerebellum, 406; thrombotic occlusion of aorta as demonstrated by translumbar aortograms, 406; prolapse of gastric mucosa into duodenum, 406; demonstration of active emptying function of Oddi's sphincter, 407; findings accompanying carcinoma of pancreas, 407; diagnosis of tuberculous endometritis, 408; hysterographically visualized radionecrosis following intrauterine radiation of cancer of corpus of uterus, 408; urologic problems in pediatric diagnosis by, 408; of tumor infiltration of wall of urinary bladder, 409; arthrography of shoulder, 409; angiopulmography, 410; in chronic nonspecific fibrosis of middle lobe, with regard to value of planigraphy, 410; preparation for bronchiography and local anesthesia of bronchial tree, 442; is it possible to determine operability of bronchogenic carcinoma by, 449; value of cholangiograms during biliary tract surgery, 468; information furnished by introduction in course of operation of opaque media into pancreatic duct, by its drainage, and by study of pancreatic secretion, 471; preliminary studies on pelvic angiography in women, 477; aspects of meningiomas, 511; angiocardiography in congenital heart disease of cyanotic type, 511; of lymphosarcoma of stomach, 512; lesions of upper gastrointestinal tract in infants and children, 512; emergency diagnosis of upper digestive tract bleeding by, without palpation: Hampton technique, 513; fractures of neck of femur, 514; brain tumors in children, 593; of middle lobe syndrome, 594; findings in instances of digestive megasplanchnia, 594; emergency, in severe hemorrhages of gastroduodenal origin, 595; vertebra plana totalis, 595

Roentgen therapy, Sexual life of patients with carcinoma of cervix cured by irradiation, 45; experiences in treatment of skin cancer with ultrasoft rays; 1933–1936, 98; results of treatment of skin cancer with ultrasoft, given in single dose, 98; regeneration and –SH changes in guinea pig skin after, 100; melanoblastoma and its therapy; experiences with, at close range, 100; observations on 68 seminoma patients with or without metastases; after hemicastration, 100; systemic enzyme changes induced by, of malignant tumors, 101; of chorioepithelioma; report of 2 cases (1 with pulmonary metastasis) with 10 year follow-up, 278; fractures of neck of femur following irradiation of pelvis, 286; clinical experience with, through grid, 307; recent clinical experience with grid in, of advanced cancer, 308; newer palliative measures in management of inoperable bronchogenic carcinoma, 550

SACRUM, Relationship between sacroiliac junction and spinal deformities, 379

Salt, Preoperative and postoperative parenteral maintenance of electrolyte balance with mixture of, containing sodium, potassium, chloride, and phosphate, 192

Sarcoidosis, Nasopharyngeal lesions in, 199; ocular; report of 3 cases, 324

Sarcoma, Uterine, 165; of cytogenic chorion; of endometrium, 165; synovial; with report of 4 cases, 207; and its relation to sex, 415; osteogenic, of breast, 440

Scalenus muscle, On syndrome of, 125

Scalp, Complete avulsion of, 427

Schistosomiasis mansoni, Spinal cord involvement by, 548

Scoliosis, Complicated by paraplegia, 82; prophylaxis of, 182

Secretions, Importance of duodenopancreaticobiliary, in pathogenesis of gastroduodenal ulcers: therapeutic conclusions, 345

Seminoma, Observations on 68 patients with, and with or without metastases, irradiated after hemicastration, 100

Serum, Curves of concentration of proteins, red cells, and activity of cholinesterase in, after gynecologic interventions, 269; amylase levels in, in experimental pancreatitis, 357; parathyroid glands; collective review, 417; method for determination of antibacterial potency of, during therapy of acute infections, 509; behavior of lysoenzymes in blood, of patients suffering from neoplasms, 597.

Sex, Sarcomas and their relation to, 415

Sexual function, Influence of lumbar sympathetic chain resection upon, 331

Sheehan's syndrome, General review of, 599

Shock, Therapy of, with intraperitoneal infusion of blood volume replenishers, dextran and PVP, 92; present status of plasma volume expanders in treatment of, 92; comments on death and resuscitation after electric, in New Zealand, 93; posthemorrhagic, in newborn, 276; vasomotor reflexes of carotid sinus in experimental traumatic, 309; restoration of blood volume in seriously injured patients, 393; early recognition and management of, 395; evaluation of capillary permeability in postoperative collapse and its treatment with saline infusions, studied by hematocrit-protein diagram, 395; limitations and dangers of fluid replacement therapy, 396; pathogenesis of experimental, due to ice (cold), 412; study of morphologic and functional changes in liver in posttraumatic states, 466; plasma expanders; collective review, 521; reanimation with endocarotid transfusion in a cranial direction, 590

Shoes, Place of leather-soled, in prevention of anesthetic explosions, 401
Shoulder, Our method for operative treatment of recurrent dislocation of, 78; loss of scapulohumeral motion; frozen, 181; practical method for extra-articular fusion of, in tuberculosis, 183; arthrography of, 409
Sinus, Origin and treatment of malignant disease of upper jaw and nasal, 325; pathology of interdigital pilonidal, 412; treatment of antro-oral fistula with reference to use of streptokinase and streptodornase, 432; local use of streptokinase-streptodornase in chronic refractory areas of suppuration with draining, 510; treatment of oroantral fistula, 545
Skin, Some immunological aspects of autografts and homografts in rabbits tested by in vivo and in vitro techniques, 93; effect of desensitization of donor, and ACTH on survival of homografts in rabbits, 94; experiences in treatment of cancer of, with ultrasoft roentgen rays, 1933–1936, 98; results of treatment of cancer of, with ultrasoft roentgen rays given in single dose, 98; regeneration and –SH changes in guinea pig, after x-ray treatment, 100; primary graft of, following excision of fistula-in-ano, 155; effect of ACTH on autogenous and homologous grafts of, in rabbits, 208; recovery of nervous function in transplants of, with reference to sympathetic functions, 310; elementary technique of repair of cutaneous losses of fingers, 509; treatment of carcinoma of, 514; secondary contracting tendency of free grafts of, 520; experimental study of effects of freezing; partial dehydration and ultrarapid cooling on survival of dog grafts of, 520
Smears, Use of vaginal, as a screening test, 568
Sodium fluorescein, Use of, and atabrine in diagnosis of tumors, 205
Spasm, Physiology and relief of traumatic arterial, 86; vascular, 88
Spermatic cord, Tumors of; review of literature and report of 2 cases, 66; primary malignant neoplasms of, and epididymis: 2 case reports, 66
Sphincter, Presence of valvelike, at origin of afferent glomerular arterioles in certain mammals, 59
Spinal cord, Vertebral fractures with exposed, 124; uncommon compressing lesions of, and its membranes, 330; effect of transection on ascent of tetanus toxin in rabbit's, 416; new hazard in cervical laminectomy, 438; intramedullary tumor; its diagnosis and surgical treatment, 438; intraspinal lesions simulating protruded intervertebral discs, 548; involvement of, by schistosomiasis mansoni, 548
Spine, Lame back; some common causes and conservative treatment, 72; experimental investigations into physical properties of intervertebral disc, 82; prophylaxis of scoliosis, 182; clinical observations and results of 1,000 operations for lumbosciatalgia resulting from hernia of intervertebral disc, 183; differential diagnosis of congenital and of acquired vertebral synostoses, 285; injuries of cervical, treated by wire extension through skull, 330; study of late results from disc operations, 330; surgical approach in lumbar and lumbothoracic sympathectomies, 331; relationship between sacroiliac junction and spinal deformities, 379; surgical interventions on paravertebral tuberculous abscesses, 500; treatment of abscesses associated with tuberculosis of, 580; new aspects of surgical treatment in cases of severe curvatures of, 582; vertebra plana totalis, 595
Spleen, Cysts of; report of case, 161; surgery of, 263; splenectomy in leucemia and leucosarcoma, 264; puncture of, 563; surgical aspects of hypersplenism, 564
Splenectomy, Relations between prothrombin time and thromboplastin time after splenectomy; experimental and clinical study, 162; indications for, and technique of, 358
Springs, Arthrodesis of ankle joint by, 77
Sprue, Two cases of cancer of pancreas simulating chronic pancreatitis and idiopathic, 357
Staphylococci, Prevention of infection of thoracic surgical wounds by, from patient's skin, 137
Stereomicroradiography, 405
Sterility, Problems of conjugal, 167
Sterilization, Practical experiences with interruption of pregnancy and, in familial erythroblastosis, 273
Steroids, Surgical treatment of hyperfunctioning lesions of adrenal cortex, 175
Stomach, Effect of Exalto-Mann-Williamson procedure on secretion of, 29; immediate subtotal gastrectomy for acute perforated peptic ulcer, 31; results of partial gastrectomy for peptic ulcer, 31; is it necessary to continue dietary treatment after gastric resection for ulcer of, and duodenum, 32; development of cancer in gastric ulcer, and ulcer symptoms in gastric cancer, 32; carcinoma of, 32; colonic replacement of, 33; new method of cytological diagnosis in diseases of, 142; benign ulcers of greater curvature associated with ulcerative colitis and cirrhosis of liver, 142; postoperative icterus following resection of, for duodenal ulcer, 143; mediastinal cyst of; successful excision in 8-week-old infant, 143; gastric polyps, 144; mesenchymal tumors of, 145; perigastric adhesions and bands involving pyloric antrum, 200; clinical studies on use of controlled intragastric pressure for roentgen diagnosis of lesions in and about fundus of, 201; etiopathogenesis of anemia in diaphragmatic hernia of, 252; studies on pepsin secretion, 252; gastroesophageal reflux, 253; giant hypertrophic gastritis, 253; surgical intervention in massive gastroduodenal bleeding, 253; remote results in resections for gastroduodenal ulcers, 254; benign tumors of, 254; total gastrectomy for cancer; technique and results, 254; account of gastroduodenal anatomy of importance in palliative resection of, 254; incidence and mechanism of early dumping syndrome after gastrectomy, 255; volvulus of, 344; relation of gastric secretion to events following pyloric obstruction, 344; electrolyte abnormalities in pyloric obstruction resulting from peptic ulcer or gastric carcinoma, 345; segmental atrophic gastritis: radiologic differentiation from early stage of cancer of, 345; prolapse of gastric mucosa into duodenum, 406; clinicoroentgenologic considerations on permanent prolapse of gastric adenoma through pylorus, 457; malignant degeneration of gastric ulcers, 457; primary lymphosarcoma of, 458, 458; transdiaphragmatic gastrectomy, 459; complaints after gastric operations, 460; achlorhydria following gastric resection, 460; roentgen manifestations of lymphosarcoma of, 512; arterial blood supply of human, 555; massive hypertrophic gastritis, 555; segmental gastric resection for peptic ulcer, 556; indications for surgical treatment of gastric and duodenal ulcers and their complications, 556; results of vagotomy during 7 years, 558
Strabismus, Role of heredity in etiology and treatment of, 3; surgical treatment of esotropia with bilateral evaluation in adduction, 3; value of orthoptics in treatment of squint, 324; electroencephalographic changes in, 428
Streptodornase, Treatment of antro-oral fistula with reference to use of streptokinase and, 432; local use of streptokinase and, in chronic refractory areas of suppuration with draining sinuses, 510

Streptokinase, Treatment of antro-oral fistula with reference to use of, and streptodornase, 432; local use of, and streptodornase in chronic refractory areas of suppuration with draining sinuses, 510
Streptomycin, Treatment of tuberculous bone disease by surgical drainage combined with, 375; in bone and joint tuberculosis, 496; in treatment of bone and joint tuberculosis, 497; evaluation of therapy with, in controlled series of 90 cases of skeletal tuberculosis, 497
Struma lymphomatosa, (Hashimoto's struma); review of 51 cases with discussion of endocrinologic aspects, 9
Sulfonamides and antibiotics in trachoma, 429
Sympathectomy, New document on periarterial hepatic neurectomy in treatment of hepatitis, 156; problems of ischemia of lower extremity, 187; role of, in arteriosclerosis obliterans, 188; surgical approach in lumbar and lumbothoracic, 331; nonthrombotic obstruction of venous circulation of upper arm; therapeutic value of venoclysis and perivenous; Paget-Schroetters' syndrome, 389
Sympathetic nerves, Surgery of pain in incurable cancer, 11; recovery of nervous functions in skin transplants, with reference to functions of, 310; influence of resection of lumbar, upon sexual function, 331
Symphysiotomy or pubiotomy, 275
Synovitis, Radiohumeral, 497

TALUS, Traumatic necrosis of, 581
Tantalum, Use of wire and mesh of, for plastic abdominal repair, 457
Tendons, Simple suture for repair of, to bone, 81; stenosing tenovaginitis at wrist and fingers, 498; lipoidosis of, 580; experimental investigations of mechanism of spontaneous rupture of, 587
Terramycin, Influence of, on course of experimental ocular tuberculosis, 2; in treatment of peritonitis, 139; and aureomycin in surgical infections; report of 200 cases, 509
Testicle, Malignant tumors of, 66; homologous tumors of ovary and, 166; luxations of, 372; treatment of ectopia of; results observed in 132 patients, 578; tumors of, 579
Testosterone propionate, Renotrophic action of, 310; renotrophic action of, 311
Tetanus, Serum polyneuritis following antitoxin for, with unusual localization of paralysis and late injury, 399; effect of sclerosis of nerve trunk on ascent of toxin of, in sciatic nerve of rabbits and on development of local, 416; effect of transection on ascent of toxin of, in rabbit's spinal cord, 416
Tetany, Disappearance of, and anemia after resection of blind loop of intestine, 146; parathyroid glands; collective review, 417
Tetralogy of Fallot, Electrokymographic studies in pulmonary stenosis and, 199; surgical implications suggested by study of 54 anatomical specimens of, 338
Thoracoplasty, Considerations of group of tuberculous patients operated upon by, 14; primary anterolateral; preliminary report, 14; late results in treatment of pulmonary tuberculosis by, 15
Thorax, Observations and semeiotic stratigraphic notes concerning mediastinal adenopathies, 96; open pneumonolysis; its value and its limitations, 130; spontaneous contralateral pneumothorax complicating surgical procedures in, 130; cardiostathorrhaphy; splinting flaccid myocardium of coronary occlusion by surgical procedures, 132; responsibility of physician in selection of patients with mitral stenosis for surgical treatment, 132; constrictive pericarditis and constrictive pleuritis treated by pericardiectomy and pulmonary decortication, 134; prevention of infection of surgical wounds of, by staphylococci from patient's skin, 137; traumatic chylothorax, 137; present position of anesthesia for surgery of, 195; device producing regulated assisted respiration, prevention of hypoventilation and mediastinal motion during surgery of, 196; esophageal atresia accompanied by remarkable vessel anomaly, 248; pleuropulmonary resection with hemidiaphragmectomy; preliminary report, 336; posture and approach in surgery of, 343; general anesthesia in open surgery of, 399; repair of experimental tracheal defects with fresh and preserved homologous tracheal grafts, 440; circulatory and respiratory effects of continuous versus phasic lung inflation in open-chest dogs, 442; coverage of bronchial stump with transplanted periosteal flap, 449; physiologic studies following surgery of, 450; benign tumors of portion of esophagus in, 455; management of chest injuries, 456; encysted pleuropulmonary hematomas, 550; spontaneous laceration of esophagus, 553
Thrombin, Effect of sutures and of, upon healing of ocular wounds, 6
Thrombin degradation test, according to Lenggenhager; clinical and experimental studies, 598
Thrombocid, Clinical review of, (synthetic heparin) in obstetrics and gynecology, 366; experimental studies on animals regarding circulatory action of synthetic anticoagulant, 598; studies on vasculoactive component of, 599
Thrombophlebitis, Pathogenetic considerations with reference to puerperal, of upper extremity, 56
Thromboplastin, Relations between time for action of prothrombin and thromboplastin after splenectomy; experimental and clinical study, 162
Thrombosis, 297; venous, in obstetrics and gynecology, 46; sequelae of deep, in lower limbs, 87; chronic, of common and external iliac veins, left common iliac origin of phlebothrombosis said to be of lower extremities, 189; venous, and its treatment with anticoagulants, 295; increase of postoperative, and embolism and their management with anticoagulants, 362; treatment and prophylaxis of, and embolism with dicumacyl; problems and results, 396; occlusion of aorta due to, as demonstrated by translumbar aortograms, 406; of hepatic veins; Budd-Chiari syndrome, 471; results in systematic prevention and treatment of, and embolism with anticoagulants, 479; mesenteric, following blunt abdominal trauma, 555; deep venous, in leg following effort or strain, 589
Thumb, Trigger, simulating paralysis, 82; reconstruction of, 289
Thymus gland, Myasthenia gravis; ablation of mediastinal tumor of, and of hyperplastic, 205; thymectomy in treatment of myasthenia gravis, 250
Thyroid gland, Struma lymphomatosa (Hashimoto's struma); review of 51 cases with discussion of endocrinologic aspects, 9; employment of radioiodine storage test for diagnosis of diseases of, 120; observations on use of propylthiouracil in hyperthyroidism with reference to long term treatment, 121; conservative reconstruction of tracheal collapse following surgery of, 121; peripheral nerve regeneration in experimental hypothyroidism, 242; carcinoma of, and nontoxic nodular goiter, 326; analyses of 221 patients with goiter who were subjected to surgery, 327; use of antithyroid drugs in hyperthyroidism, 433; results in treatment of hyperthyroidism with radioiodine, I^{131}, 433; great practical value of auscultation of, for diagnosis of Graves' disease, 434; physiologic concepts of tumors of, as revealed with newer tools of study, 434; radio-

iodine in treatment of metastatic carcinoma of, 435; recurrent nodular goiter in children, 545
Thyroiditis, Subacute, 120
Thyroxin, Effect of, on experimental fractures in dogs, 311
Tibia, Congenital kyphoscoliotic, 499; fractures of shaft of, and fibula, 586; conservative treatment of fractures of plateau of, 586; treatment of fractures of external condyle of, 587
Tibia vara (osteochondrosis deformans tibiae), 380
Tongue, Cancer of, 239
Toxemia, Clinical report on, of pregnancy, 51; retinal changes in, of pregnancy, 51; hypertensive, of pregnancy, 480; accidental hemorrhage; review of 100 cases, 480
Toxins, Pathogenesis of acute renal failure associated with injury due to trauma and; renal ischemia, nephrotoxic damage and ischemuric episode, 102
Trachea, Conservative reconstruction of collapse of, following surgery of thyroid, 121; repair of experimental defects of, with fresh and preserved homologous grafts of, 440; use of viable pedicle graft for repairing extensive defect of, and bronchus, 441; carcinoma of intrathoracic; excision and repair with tantalum gauze-fascia lata graft, 441; plastic reconstruction of, and bronchi, 549; open closure of bronchus and resection of carina and of wall of, 550
Trachoma, Sulfonamides and antibiotics in, 429
Transfusion, intra-arterial-infusion; simplified technique, 590
Trauma, Pathogenesis of acute renal failure associated with injury due to, and toxins; renal ischemia, nephrotoxic damage and ischemuric episode, 102; study of morphologic and functional modifications of liver in period after, 517; plasmocytoma (multiple myeloma) and, 597
Trichomonas, Diagnosis and treatment of vaginitis specific and aspecific for, 268
Triethylene melamine, Therapy with, in Hodgkin's and other malignant diseases, 413; further observations on use of, in neoplastic diseases 413; in treatment of neoplastic disease, 518
Trigger-thumb simulating paralysis, 82
Trochanter, Pertrochanteric and subtrochanteric fractures, 584
Trypsin, Role of, in pathogenesis of acute hemorrhagic pancreatitis and effect of antitryptic agent in treatment, 357
Tuberculoma, Mediastinal, 249
Tuberculosis, Influence of terramycin on course of experimental ocular, 2; considerations of group of patients with, operated upon by thoracoplasty, 14; late results in treatment of pulmonary, by thoracoplasty, 15; coexistent bronchogenic carcinoma and active pulmonary, 19; ureterectomy with ureterocystoanastomosis in tuberculous stenosis of lower portion of ureter, 61; terminal stenosing ureteritis due to, 61; enterocystoplasty for small bladder after nephrectomy for tuberculosis, 63; multiple cystic, 71; pulmonary decortication in, 128; constrictive pericarditis; etiology; clinical history of 4 cases of pericarditis due to, including 2 cases of constrictive type, 134; anatomical and clinical observations of case of renal, appearing strictly localized at upper kidney pole; question of partial nephrectomy for renal, 175; urogenital; review of 209 surgically treated cases, 179; practical method for extra-articular shoulder fusion in, 183; primary pulmonary, as cause of bronchiectasis in children, 245; endometrial, and completed pregnancy 277; treatment of, of male genitalia; considerations arising from study of 1,650 cases in 25 years of practice, 282; simple excision in treatment of pulmonary, 334; results of medical and medicosurgical therapy in urogenital, 373; of bones and joints, 375; treatment of bone disease by surgical drainage combined with streptomycin, 375; roentgen diagnosis of endometritis due to, 408; actual status of extrafascial apicolysis in surgical treatment of pulmonary, 443; indications and contraindications for decortication procedures in pulmonary, 443; pulmonary functional capacity after lobectomy or segmentary resection in pulmonary, 444; 100 cases of pulmonary extirpation for, 445; streptomycin in bone and joint, 496; streptomycin in bone and joint, 497; evaluation of streptomycin therapy in controlled series of 90 cases of skeletal, 497; chemotherapy and surgical treatment in bone and joint, 499; combined surgery and chemotherapy of abscesses in bone and joint; early results, 500; surgical interventions on paravertebral abscesses in, 500; radical treatment of bone and joint, 500; of breast, 549; treatment of abscesses associated with spinal, 580
Tubes, Experimental study of restoration of continuity of large blood vessels by means of plastic, 390; use of, constructed from vinyon "N" cloth in bridging arterial defects, 391
Tumors, Extirpation of lung in treatment of, of lung, 18; surgical treatment of, of mediastinum, 26; double, of rectum and colon, 38; pyelogram in extrarenal tumors, 59; of spermatic cord; review of literature and report of 2 cases, 66; solitary plasmocytoma, 103; of parotid gland, 115; periorbital, 116; of pituitary body and its environs, 124; ultropak and doubtful, of breast, 126; minute peripheral pulmonary, 128; mesenchymal, of stomach, 145; clinical findings in cases of benign, of fundus of gallbladder, 158; angiocholitic type of, of Vater's ampulla treated by cephalic duodenopancreatectomy, 159; islet-cell, of pancreas, 161; thecocellular, of ovaries, 166; homologous ovarian and testicular, 166; study of, of vascular sheaths, 187; use of sodium fluorescein and atabrine in diagnosis of, 205; carotid body, 240; benign, of stomach, 254; islet-celled, of pancreas with unusual clinicopathological features, 262; topographic and morphologic modifications of gastrointestinal tract produced by extrinsic, 304; primary epithelial, of ureter, 370; giant-cell, of bone, 377; roentgenographic signs of infiltration of wall of urinary bladder by, 409; lysoenzymes in neoplastic tissue, 414; treatment of, of inferior alveolus and mandible, 427; experiences with, of retina, 431; physiologic concepts of thyroid, as revealed with newer tools of study, 434; symptoms and treatment of pituitary, 437; intramedullary; diagnosis and surgical treatment, 438; rare benign of breast, 440; benign, of thoracic portion of esophagus, 455; islet-cell, of pancreas, 470; functional, of ovary, 476; experiences with benign bone, in pediatric practice, 513; triethylene melamine in treatment of neoplastic disease, 518; operative removal of, of parotid salivary gland, 543; expanding intracranial lesions in childhood, 548; intraspinal lesions simulating protruded intervertebral discs, 548; successful removal of, of heart, 552; the nonspecific inflammatory ileocecal, 566; recent experimental investigation on genesis of ovarian, 567; new growths of kidney and ureter, 571; testicular, 579; brain in children, 593; behavior of lysoenzymes in blood serum of patients suffering from, 597
Tween 80, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209
Typhlitis, Sclerohypertrophic, 255

ULCER, Surgical treatment of peptic, 30; comparison of results in personally studied cases in which gastric vagotomy was performed with those reported to American Gastroenterological Association, 30; results of partial gastrectomy for peptic, 31; immediate subtotal gastrectomy for acute perforated peptic, 31; development of cancer in gastric; and symptoms of, in gastric cancer, 32; is it necessary to continue dietary treatment after gastric resection for ulcer of stomach and duodenum, 32; results of surgical treatment of colitis due to, 37; benign, of greater curvature associated with colitis and cirrhosis of liver, 142; hemorrhage from peptic; analysis of 223 cases, 142; 10 years' experience with bleeding peptic, with emphasis on 45 fatal cases, 143; postoperative icterus following gastric resection for duodenal, 143; fatality due to hemorrhage from duodenal, in burn case, 254; remote results in resections for gastroduodenal, 254; electrolyte abnormalities in pyloric obstruction resulting from peptic, or gastric carcinoma, 345; importance of duodenopancreaticobiliary secretions in pathogenesis of gastroduodenal; therapeutic conclusions, 345; intravascular agglutination and vascular stasis in peptic, 346; acute, and hemorrhages of gastrointestinal tract, 346; surgical treatment of peptic, 346; treatment of choledochoduodenal fistulas due to, 353; gastroenterostomy in surgical treatment of gastroduodenal, 457; malignant degeneration of gastric, 457; basic principles in surgical treatment of duodenal, 462; segmental gastric resection for peptic, 556; indications for surgical treatment of gastric and duodenal, and their complications, 556; selection of patients with duodenal, for vagotomy, 557; results of vagotomy during 7 years, 558; surgical treatment of chronic colitis with, 560

Ultrasonic energy; Effects of, on refractive media of eye, 5; influence of, on structure of ovary (experimental study), 104

Umbilical cord, Congenital enteroumbilical fistula due to patent vitelline duct, 140

Undecylenic acid, Pulmonary resection and, in systemic blastomycosis, 446

Ureter, Granuloma of, 60; squamous cell carcinoma occurring in stump of chronically infected, many years after nephrectomy, 61; ureterectomy with ureterocystoanastomosis in tuberculous stenosis of lower portion of, 61; plastic operations on; end-results following various methods of anastomosis, 176; anastomosis of, with intestines, 176; cystectomy in invasive-infiltrative papillomatosis of urinary bladder and of juxtavesical portions of, 368; megaloureter; new concept in treatment, 369; ectopic openings of, 369; intussusception of, associated with benign polyp, 370; diverticulum of; report of another authentic case, 370; primary epithelial tumors of, 370; primary carcinoma of, 370; injury of, by transurethral electroresection and coagulation, 372; compression of, by traction diverticulum of duodenum, 492; section of inferior vena cava for retrocaval; new method of treatment, 492; biochemical changes after ureterocolic anastomosis of, with colon, 494; new growths of kidney and, 571; new concept of etiology of megaloureters, 573; management of injuries of, 573

Ureteritis, Terminal stenosing tuberculous, 61

Urethra, Congenital stricture of membranous, 64; primary carcinoma of female, 271; primary carcinoma of male, 371; tumor of male; myoblastoma of perineal portion of, 494; rupture of, at apex of prostate, 494; method of retrograde passing of probe in impermeable posttraumatic strictures of, 576; operative treatment of strictures of, 577

Urinary tract, Urologic aspects of endometriosis: renal, ureteral, and vesical forms, 48; results of experimental renal graft, 59; role of ammonia reabsorption in acid-base imbalance following ureterosigmoidostomy, 62; enterocystoplasty for small bladder after nephrectomy for tuberculosis, 63; antibacterial management of infections of, 67; plastic operations on ureter; end results following various methods of anastomosis, 176; results of medical and medicosurgical therapy in urogenital tuberculosis, 373; occurrence of lymphoid tissue in, 374; problems pertaining to, in pediatric x-ray diagnosis, 408; studies in pyelorenal backflow, 489; surgery of horseshoe kidney, 571; management of ureteral injuries, 573; physiology of transitional epithelium of; vesical secretion in dog, 574; problem of nonopaque stone of, 574; trigonal cystectomy, 574; method of retrograde passing of a probe in impermeable posttraumatic strictures of urethra, 576; operative treatment of urethral strictures, with report of method used in 18 cases, 577

Urine, Role of protective colloids in, in prevention of renal lithiasis, 491

Urogenital system, Tuberculosis of; review of 209 surgically treated cases, 179

Urology, Extradural spinal anesthesia according to Buchholz and Lesse in operations and comparison of its results with those of peridural anesthesia, 67; translumbar arteriography used in series of 100 cases, 373

Uterus, Morbidity studies in 1,000 consecutive hysterectomies, 45; venograms found in connection with hysterosalpingography, 45; ruptured endometrial cysts as cause of acute abdominal symptoms (endometrial pelviperitonitis), 45; cytodynamic properties of human endometrium, 163; treatment of complete prolapse of, 163; perforation of, 163; therapy of cancer of, 164; study of cancers of; value of suction biopsy in their diagnosis (report of 33), 164; sarcoma of, 165; anatomopathologic and clinical considerations with reference to deciduoma malignum of, 170; involution of cervix, 266; fibromyoma of, in adolescents, 266; actual concept of treatment of cervical cancer, 266; can results of irradiation in cancer of cervix of, be improved by prophylactic hysterectomy, 266; carcinoma of cervical stump after subtotal hysterectomy, 267; results of myomectomy by hemostatic technique of Borrás, 267; treatment of residual stump following total abdominal hysterectomy, simple or extended, 268; endometrial tuberculosis and completed pregnancy, 277; investigations into mucosa of, 359; observations of mucosa of cervical canal in gynecologic lesions, 359; myomectomy; surgical technique and results in series of 1,150 cases, 359; causes of mortality in supravaginal abdominal hysterectomy for myofibroma, 360; urologic complications of cancer of cervix of, 374; roentgen diagnosis of tuberculous endometritis, 408; hysterographically visualized radionecrosis following intrauterine radiation of cancer of corpus of, 408; treatment of cancer of, with radioactive cobalt (Co^{60}), 411; experience with Le Fort-Neugebauer's operation for complete prolapse; 58 cases, 472; differential diagnosis of dystrophic states and cervical epitheliomas; study of glycogen; uncertainty of smears, 472; diagnosis and management of malignancy of, 472; early diagnosis of cervical cancer and its treatment in noninvasive stage, 473; preinvasive carcinoma of cervix, 474; results of treatment of cancer of cervix of, (with reference to 1,374 cases at Anticancer Center, Lyons, France), 475; use of vaginal smear as a screening test, 568

VACCINE, Neuroparalysis due to antirabies, 93
Vagina, Cytology of, in diagnosis and therapy of hypophyso-ovarian dysfunction, 270; vesicovaginal fistulas, 360
Vaginitis, Diagnosis and treatment of, specific and aspecific for trichomonas, 268
Vagotomy, Comparison of results in personally studied cases in which gastric, was performed with those reported to American Gastroenterological Association, 30; selection of duodenal ulcer patients for, 557; results of, during 7 years, 558
Varices, Venous pressure in, of lower extremities, 190; modern trends in treatment of, 295; congenital, of esophagus, 453; considerations on pathogenesis of, during pregnancy, 569
Vas deferens, Anastomosis operations on, 281
Vater's ampulla, Angiocholitic type of tumor of, treated by cephalic duodenopancreatectomy, 159
Vein, Use of intrailiac blood transfusion in cases of impassable, 89; anomalies of pulmonary; their surgical significance, 127; diagnostic value of phlebographic pictures in "intermittent obstruction of subclavian, 189; chronic thrombosis of common and external iliac; left common iliac origin of phlebothrombosis said to be of lower extremities, 189; modern trends in treatment of varicose, 295; thrombosis of, and its treatment with anticoagulants, 295; anatomic survey of anomalous pulmonary; their clinical significance, 339; nonthrombotic obstruction of circulation of, of upper arm; therapeutic value of venoclysis and perivenous sympathectomy; Paget-Schroetters' syndrome, 389; experimental studies on ligature of hepatic artery and anastomosis between hepatic artery and portal, 467
Vena cava, On ligation of inferior, in cardiac insufficiency, 295; section of inferior, for retrocaval ureter; new method of treatment, 492
Ventigrator, Device producing regulated assisted respiration; prevention of hypoventilation and mediastinal motion during intrathoracic surgery, 196
Ventilation, Experimental studies of collateral, of lungs, 333; researches on arterial oxygen saturation before and after pneumonectomy, 337
Ventricle, Heart with single, 130; cardiac catheterization in congenital heart disease; direct demonstration of single, 131
Virus, Why are antibiotics ineffective against infections due to, 597
Viscerectomy, Follow-up studies following total pelvic, 162
Vitamins, Nutrition following total gastrectomy with reference to fat and protein assimilation; collective review, 209; response of dicumarol-induced hypoprothrombinemia to vitamin K, 412
Vitreous body, Phase contrast microscopy of animal, 232
Vulva, Treatment of cancer of, 166

WAR, Traumatic arteriovenous fistulas and aneurysms in wounded in, 388; abdominal wounds in jungle, 565; medical air evacuation in Korea and its influence on future, 591
Water And electrolyte balance in surgery, 505; observations on intoxication due to, in surgical patients, 506
Weather, Biometeorologic effect on genesis of appendicitis, 348
Wheal test, Clinical tests for evaluation of circulation in tubed pedicles and flaps, 197
Wounds, Effect of sutures and of thrombin upon healing of ocular, 6; 127 penetrating, of abdomen, 44; present status of treatment of frostbite, 193; treatment of burns, 298; pathogenesis and treatment of severe burns, 397; study of several recent publications on severe burns, 398; rehabilitation of patients with deep burns, 403; reconstruction of injuries following excessive radiation therapy, 403; further studies on nature of hemorrhagic state in radiation injury, 410; compound, of hand, 508; combined effect of cortisone and partial protein depletion on healing of, 509; abdominal, in jungle warfare, 565; repair of soft tissue in orthopedic and traumatic surgery, 591
Wrist Congenital osseous anomalies of carpus; synostosis congenita bilaterale of semilunar and pyramidal bones, 377; stenosing tenovaginitis at, and fingers, 498; results of insertion of cancellous bone in cases of pseudarthroses of carpal navicular, 581; carpometacarpal dislocations; total dislocations, 583

AUTHOR INDEX—ABSTRACTS—VOLUME 95

Aaron, Jules B., 172
Abbasciano, S., 312
Abeatici, S., 201
Abelson, Denis, 279
Acquati Angelo, 254, 457
Actis-Dato, A., 132
Adams, A. Wilfrid, 492
Adams, William E., 246
Adie, George C., 13, 15
Aikat, B. K., 103
Aitken, Alexander P., 78
Albertengo, Juan B., 438
Albot, Guy, 25, 258, 345
Aldes, John H., 580
Allen, Duff S., 132
Allen, Herman L., 94
Allgöwer, M., 93
Almeida, Ary Lopes de, 469
Alnor, P., 331
Alvarez-Ierena, J. Jose, 490, 574
Amendola, Frederick H., 253
Ammon, Guenter, 89
Amreich, I. A., 270
Amspacher, William H., 521
Andersen, Ib., 410
Andersen, Preben Thestrup, 410
Anderson, James R., 280
Andersson, Ture, 199
Andrews, Carl E., 104
Angelino, P. F., 132
Anlyan, William G., 357, 461
Annan, Cornelius M., 295
Anselmino, K. J., 271
Anttinen, Johannes E., 64
Appelmans, R., 254
Archer, G. E., 236
Arduino, Elio, 147
Argent, J., 54, 55
Argüelles, M. Blanco, 587
Arkin, Alvin M., 182
Arons, Isidore, 413
Arrau, Carlos Meza, 563
Arrowood, Julia G., 196
Artz, Curtis P., 139, 509
Aschan, Gunnar Kison, 325
Ask-Upmark, Erik, 323
Asper, Samuel P., Jr., 121
Astrup, E. Carsten, 137
Atkins, H. J. B., 13
Aubry, P., 401
Auchincloss, Hugh, Jr., 31
Aufses, Arthur H., 245
Aulong, J., 583

Bacon, Harry E., 153, 154
Baden, Helge, 42
Badgley, Carl E., 499, 586
Badin, J., 54
Báez, Juan José, 274
Bailey, M. K., 279
Baird, Dugald, 486
Baker, B. M. Jr., 23
Baker, G. P., 39
Baker, William J., 178
Balás, Attila, 389
Ball, Heinz, 353
Banche, M., 460
Banerji, B. N., 34, 255
Banks, Henry, 442
Banner, Edward A., 172
Barbera, Giovanni, 242
Barclay, Stephen, 121
Bariatti, R., 156
Barrett, N. R., 565
Barry, A. P., 56
Barry, Arthur P., 275
Barshay, Bernard, 19
Barss, Theodore P., 302
Barter, Robert H., 172
Barton, W. Bruce, 518
Basto, E. Lima, 459
Bastrup-Madsen, Poul, 206
Battistelli, Ugo Filippini, 103
Baty, John A., 565
Bauer, K. H., 466
Baumgartner, O., 383
Baxter, Hamilton, 288
Bayçu, Turhan, 297
Baylis, J. H., 416, 416
Beach, Edward W., 374
Beams, Argyle J., 252
Beatrice, E., 333
Beattie, Edward J., Jr., 134, 296
Beaumont, J.-L., 295
Becker, F., 155
Beeler, John W., 407
Beilly, Jacob S., 172
Belding, Hiram H., III, 30
Beling, C. Abbott, 309
Bell, George O., 519
Bell, Julius W., 236
Bellegie, Nicholas J., 465
Ballerio, L., 310, 311
Bembridge, B. A., 232, 234
Benchimol, Aarão B., 130
Bengle, Armand L., Jr., 302
Benichoux, R., 298
Bennett, H. Stanley, 251
Bennett, Van, 324
Beno, Thomas J., 130
Benson, Clifford D., 462
Bérard, M., 442
Berckmans, E., 283
Berens, Conrad, 5, 430
Berglund, Fredrik, 133
Bergman, Harry, 66
Berman, Jacob K., 599
Bernhart, G., 566
Bernstein, Sidney A., 501
Berthet, Georges, 25
Bertrand, I., 593
Bertrand, Pierre, 582
Betzler, H. J., 415
Bevis, D. C. A., 277
Bichel, J., 413
Bichel, Jørgen, 206
Biel, J. M., 569
Bieniarz, Jozef, 173
Bifani, I., 358
Billingham, R. E., 520
Billings, Carl E., 67
Bimes, C., 164
Binkley, Frank C., 514
Binkley, George E., 349
Biraben, 126
Bischofberger, C., 74
Bishop, P. M. F., 53
Björk, Viking Olov, 550
Blacket, R. B., 246
Blades, Brian, 296, 555
Blakemore, Arthur H., 391
Blanchard, Oscar, 476
Blocker, T. G., Jr., 93
Bloom, Walter L., 403
Blount, Walter P., 75
Blum, E., 48, 175
Bobbio, Antonio, 18
Bocci, Adriano, 268
Boehmer, Walter, 67
Boerger, G., 453
Boguñá, Isidro, 267
Boichev, B., 78
Bond, Wm. H., 142
Bonduelle, M., 11
Bonta, Joseph A., 42
Booher, Robert J., 159
Book, Donald T., 252
Boonants, J., 27
Borden, Craig W., 89
Borghetti, U., 327, 400
Borow, L. S., 303
Borsay, J., 580, 587
Borsotti, P. C., 463
Bosch, Donald T., 309
Bosch, Rodolfo Gonzalez, 93
Bost, J., 588
Bosworth, David M., 76, 496
Bottin, Jean, 43
Boulvin, R., 40
Bourg, R., 476
Bourne, Geoffrey, 452
Bousquet, Franklyn P. Jr., 430
Bowman, T. L., 264
Bowyer, Charles M., 5
Boyce, William H., 62, 371
Bozzola, Jose A., 93
Bradley, K. C., 547
Bradshaw, H. H., 449
Braitenberg, H., 481
Braithwaite, James L., 493
Brantigan, O. C., 127
Brantigan, Otto C., 441
Branwood, A. Whitley, 262
Brecher, George, 596
Brenier, J. L., 266
Bret, 165
Brewer, Lyman A., III, 136
Brezing, Herman J., 15
Brilmayer, Carlheinz, 205
Brintnall, E. S., 162
Brinton, W. D., 337
Broadbent, T. Ray, 562
Brockhurst, Robert J., 432
Brodén, Bror, 303
Brogly, G., 298
Brombart, M., 253
Bronkhorst, W., 445
Bross, Heinrich, 372
Brown, Harold, 563
Brown, Ivan W. Jr., 520
Brown, James Barrett, 403
Brown, John Reid, 555
Brown, William E., III, 562
Browne, O'Donel, 56, 480
Bruce, T., 130
Brunge, A., 483
Brunschwig, A., 258
Bruzzone, P. L., 453
Bryant, Milton F., Jr., 562
Bucaille, Maurice, 461
Buecherl, Emil, 598, 599
Bullough, John, 196
Bumm, E., 40
Burger, Paul, 482
Burlaud, R., 599
Burwell, C. Sidney, 134
Butler, Olive, 38
Butt, Arthur, J., 491
Butterfield, W. J. H., 404
Byrne, John Joseph, 192

Cabanie, H., 463
Cahan, Alvin M., 442
Cahan, William G., 441
Cahill, George F., 367
Caldarola, L., 590
Callahan, Alston, 4
Camp, J. D., 548
Campbell, James S., 573
Campbell, John C., 370
Campbell, Robert M., 50
Campi, L., 201
Canga, S. H., 297
Cangelosi, Joseph P., 92
Canon, R., 484
Cantinieaux-Duwaerts, S., 402
Capalbi, Stefano, 2
Carasso, R., 34, 141
Carlens, Eric., 550
Carothers, Ralph G., 387
Carpenter, Earnest B., 586
Carroll, Walter W., 543
Carter, Bayard, 360
Carvaillo, M. R., 345
Casella, Philip A., 61, 92
Caserta, John A., 295
Casolo, P., 358
Cassebaum, William H., 185
Castellano, Francesco, 547
Cataldi, Gaetano, 359
Cathro, Arthur J. McG., 492
Cator, 126

Cattan, R., 34, 141
Cattaneo, Piero, 273
Cattell, Richard B., 148,160
Cauchoix, J., 386
Cave, Edwin F., 80
Cebul, Frank A., 261
Cerise, Elmo J., 326
Cernès, M., 269
Cervantes, Carlos, 73
Cetroni, M. B., 46
Chaffin, Lawrence, 462
Chalek, Jack I., 202
Chambers, John W., 547
Chambers, Robert G., 13
Chambraud, M. R., 46
Chambraud, R., 269
Chamichian, Souren, 5
Chapman, T. L., 281
Charbon, Bernard C., 246
Charlier, R., 340
Chatelin, Ch., 468
Chatterjea, Jyoti B., 563
Chavany, J.-A., 11
Chenoweth, Arthur I., 562
Chesterman, J. T., 17
Chevalier, J., 588
Chevalier, M., 40
Chevallier, A., 311
Chikiamco, Paterno S., 278
Child, Charles G., III, 351
Childress, William G., 15
Chinn, Austin B., 252
Chippaux-Mathis, 44
Choyce, D. P., 115
Christophe, Louis, 452
Chwalla, Rudolf, 279
Cianci, Salvatore, 170
Cibert, J., 281
Cigorraga, Eduardo, 93
Cilberti, Benjamin J., 401
Ciminata, A., 360
Clark, Chester E., 47
Clarke, James S., 344
Clarke, S. H. C., 140
Clarke, T. Howard, 115
Claude, F., 401
Clerc, R., 155
Clercx, L., 267
Cliffton, Eugene E., 357
Cochran, J. B., 161
Coe, John D., 559
Colcock, Bentley P., 150
Cole, Helen Grady, 5
Cole, Warren H., 207
Collenet, J., 281
Coller, Frederick A., 562
Collins, E. N., 251
Collins, Vincent. J., 590
Colombo, C., 333
Colp, Ralph, 34
Comfort, Mandred W., 350
Condorelli, Luigi, 23
Confalonieri, A., 373
Conley, John J., 427
Contreras, Miguel Delgado, 276
Conway, Herbert, 197
Cook, Francis N., 388
Cooke, Robert E., 508
Cooley, Denton A., 552
Cooley, R. N., 511
Cordes, E., 257
Corelli, D., 412
Corry, D. C., 13
Cosbie, W. G., 166
Costantini, 353
Costantini, A., 590
Cote, M., 482
Cottafavi, M., 311
Cotton, Bert H., 336
Coulthard, H. S., 497
Couniot, Jacques, 254
Coury, John J., Jr., 462
Couvelaire, R., 574
Coxon, M., 234
Craffey, Edward J., 238
Crafoord, C., 130
Crafoord, Clarence, 133,550
Craig, Winchell McK., 92, 548
Cramer, Hans, 205
Crane, Chilton, 589
Crawford, G. N. C., 232
Crawford, John K., 237
Creadick, Robert N., 360
Credidio, Lindoro, 480
Creech, Oscar, 454
Crenshaw, John L., Jr., 172
Criscitiello, Modestino G., 488
Cron, R. S., 45
Cronkite, E. P., 410, 596
Cross, Federick, S., 454
Crowley, Lawrence G., 508
Cruickshank, D. Barron, 137
Csipak, J., 580, 587
Cuccia, Carlo, 304
Cullen, T. H., 545
Culp, Ormond S., 370
Cunningham, Leslie, 262

D'Abreu, A. L., 128
Da Costa, José Filipe, 248
Da Costa, Barros Albertino, 51
Dagradi, A., 156
Dahlin, David G., 350
Dahn, Hugo, 271
Dahr, Peter, 273
Dailey, U. G., 258
Dale, W. Andrew, 297, 505
D'Allaines, F., 338
Dameshek, William, 264, 563
Damiani, Roberto, 103
Danon, L., 473
Daoud-Gutmann, Jacqueline, 345
Dargent, M., 475
Da Silva Bastos, Enrico,263
Daubert, K., 348
D'Aubigné, R. Merle, 582
David, A. K., Jr., 357
David, M., 11
Davids, Arthur M., 359
Davies, Orland G., 440
Davis, Harry A., 333
Davis, John P., 372
Davis, Julius T., Jr., 567
De, S. N., 309
De Abreu, Lauro Barros, 591
Deaton, W. Ralph, Jr., 449
De Azevedo, Nair, 399
DeBakey, Michael E., 129, 454, 552
DeBord, Robert, 104
De Brabandere, L., 476
deBrux, Jean, 157
DeCamp, Paul T., 129
Decker, P., 136
Declercq, F., 335
Deddish, Michael R., 349
Dedeu, R. Almasque, 467, 468
Deeb, Paul H., 512
De Franchis, Marcello, 147
Degaard, Haakon, 410
Deininger, H., 394
Dei Poli, G., 590
Delafontaine, Pierre, 550
Delannoy, Émile, 595
Delarue, J., 15, 336, 448
Delarue, N. C., 129
Delascio, Domingos, 480
De La Sierra Cano, L., 587
Delavault, 165
Del Buono, Giuseppe, 95
De Leo, Ferdinando, 256
DeLozier, Oliver, 273
Dennison, Wallace M., 286
Denolin, H., 402
DePalma, A. F., 181
Depierre, R., 336, 448
De Polo, Edwin J., 195
De Racker, Ch., 283
Derlacki, Eugene L., 325
Deroy, Mayer S., 375
Derr, John Wm., 555
Derra, E., 21
Derrick, William S., 196
D'Errico, Giovanni, 190
Desneux, J.-J., 357
De Takats, Geza, 294
Deterling, Ralph A., Jr., 84
Détrie, Ph., 471
Dettre, G., 580, 587
Deuchar, D. C., 131, 131
deVeer, J. Arnold, 544
De Vetten, A. L., 396
Devic, G., 467
Dewar, F. P., 497
De Watteville, H., 473
Dexter, Lewis, 132
Dickey, Lloyd B., 245
Dickson, James F., 132
Dickstein, Alice, 165
Di Domizio, L., 38
Dieckmann, Wm. J., 481
Diffenbaugh, Willis G., 156
Dillard, George, 596
Di Natale, Luigi, 257
Discombe, George, 504
Dobbie, John J., 586
Dockerty, Malcolm B., 567
Dodelin, Richard A., 403
Dodge, H. W. Jr., 241, 548
Dodrill, F. D., 133
Dogliotti, A. M., 18, 453, 590
Dolton, E. G., 133
Domenici, A., 205
Donovan, T. J., 247
Donzelot, E., 338
Dornan, Dallas D., 252
Douglas, A. A., 324
Douglas, Gordon, 51
Dragstedt, Lester R., 29, 344
Dreiling, David A., 34
Drye, James C., 393
Dubarry, E., 349
Dubarry, J., 349
Dubost, Ch., 59, 338, 451
Du Bouchet, Nadia, 402
Dubrovsky, Ricardo, 274
Ducassou, J., 63, 577
Ducuing, J., 390
Duffield, J. E., 242
Dufour, J.-J., 585
Dufour, M.-R., 463
Duhamel, Bernard, 145
Duke Elder, Sir Stewart, 2
Dumont, A., 335, 402
Dunlop, George R., 187
Dunn, Fred Squier, 119
Dunnington, John H., 6
Duperrat, 165
Duprez, A., 335
Durand, L., 281
Durieu, H., 335
Dvoskin, Samuel, 146
Dye, William S., 292

Earn, A. A., 55
Eastcott, H. H. G., 247 392
Ebbehøj, Erik, 98
Edmiston, Malcolm, 440
Edwards, Ernest Goodall, 73
Edwards, Jesse E., 127
Edwards, Thomas M., 328
Efferse, P., 487
Ehalt, Walther, 73
Ehrenpreis, Theodor, 37
Eicholz, L., 156, 468, 475
Eisenreich, Franz X., 394
Ekengren, Kristina, 408
Ekesparre, W. v., 348
Ekholm, Ragnar, 501
Ekman, C.-A., 87
Ekström, G., 87
Ekström, Tore, 32
Eliasch, Harald, 133
Eliel, Leonard P., 507
Elkin, Daniel C., 388
Elliott, Gladden V., 145
Elliott, John, 393
Elliott, Robert V., 406
Ellis, Henry Jr., 127
Ellis, Laurence B., 132
Ellison, Edwin H., 94
Elman, Robert, 192
Elsey, Edward C., 306
Elton, Arnold, 371
Eltorm, Helge, 410
Elwood, J. S., 370
Emery, F. B., 140
Emery, John L., 145

Emmett, John L., 490
Engley, B. W. D., 93
Engström, Arne, 405
Enjalbert, A., 390
Enos, Marjorie V., 5
Epstein, Harold C., 340
Erich, John B., 8
Erwin, Paul D., 91
Eschapasse, H., 390
Esquivel, Ricardo B. M., 93
Estes, William L., Jr., 264
Evans, Arthur T., 86, 306
Evans, Edward T., 375
Evans, Everett Idris, 404
Evans, R. Winston., 262
Evans, Shirl O., 344
Everson, Tilden C., 159, 209, 347
Exner, Gerhard, 180
Eyre-Brook, A. L., 330
Eytinge, Ernest J., 569

Fairey, P. W., 494
Fairlie, Chester S., 302
Falconer, B., 359
Familiari, Roberto, 162
Farina, Roberto, 102
Farran, H. E. A., 123
Farrand, Robert E., 132
Farris, Edmond J., 68
Fassio, Étienne, 41
Favre, 44
Feeney, J. K., 56
Fei, Li-Min, 458
Felber, Ernest, 60
Feldman, Maurice, 354
Felländer, Mac, 379
Fellinger, K., 120
Felsenreich, Fritz, 469
Felson, Benjamin, 306, 513
Fender, Frederick A., 438
Feng, Ch'uan I, 458
Fenton, Arnold N., 481
Fenton, Richard, 498
Ferloni, Ercilia R. J., 274
Fernández, Pablo Espinoza, 384
Feroldi, J., 156, 467
Ferraris, Alfredo, 160
Ferris, Eugene, B., 67
Ferro, Patrick V., 393
Fèvre, Marcel, 145
Figueras, Edmundo R., 19
Filho, Clementino Fraga, 130
Findlay, Charles W., Jr., 509
Finn, William F., 474
Finneran, J. C., 190
Finnerty, Frank A., Jr., 480
Fiore, Mario, 414, 597
Fisch, Charles, 142
Fischer, Ludovig, 594
Fischgold, H., 11
Fisher, A. Murray, 509
Fisher, Harry, 375
Fisher, John H., 264
Fisher, Miller, 2
Fitzpatrick, Raymond J., 66
Fleischner, Felix G., 199
Flint, George W., 141
Flynn, J. Edward, 508
Fomon, Samuel, 236
Fontaine, René, 311, 518
Forsee, James H., 130
Fort, Adolfo, 578
Fort, Chester A., 279
Foti, M., 104
Fourtes, C., 206
Foust, Glenn T., Jr., 45
Fox, Francis E., 5
Fracassi, Teodoro, 438
Franchi, M., 457
Francioli, P., 331
Francke, Dietrich, 361
Frank, Edward D., 29
Frank, Howard A., 442
Frank, Paul, 518
Franklin, R. H., 455, 565
Franksson, C., 409
Fraser, Russell, 120
Frederic, J., 100
Freelander, Samuel O., 340
Freeman, L. W., 190
Freeman, Norman E., 85, 188
French, Arthur B., 302
Frenckner, Paul, 432
Frey, E. K., 452
Friedman, A. I., 144
Friedman, Barry, 184
Friedrich, H. W., 395
Fries, Bengt, 244
Fruehling, Louis, 48, 482
Fruhling, L., 175
Frumusan, P., 141
Funck-Bretano, P., 473

Gabriel, W. B., 560
Gadermann, E., 452
Gaehtgens, Gerhard, 366
Gainey, Harold L., 364
Galindez, Fermin, 519
Gallardo, Carlos A. Sosa, 160
Gallus, P., 40
Galvão, Jose, 25
Galvão, Lucio, 25
Galy, P., 15, 442
Gangolphe, M., 467
Gans, Benjamin J., 80
Gareis, Louis C., 364
Garland, T. O., 93
Gardner, Campbell McG., 37
Gardner, Clarence E., Jr., 461
Gardner, Lawrence, W., 370
Gardner, W. James, 305
Garrett, Robert A., 367
Gårson, Philip, 7
Gåsström, R. V., 411
Gates, Olive, 568
Gautier, P., 595
Gaynin, Henry T., 5
Gebhart, W., 289
Geisendorf, W., 473
Geissendoerfer, R., 461
Gelbke, Heinz, 585
Gelders, N. H., 365
Gérard, P.-L., 593
Gerbaux, A., 295
Gerrard, John, 7
Gertz, Tyge Cl., 487
Gerwig Walter H., Jr., 88
Gianaroli, L., 270
Gibbs, Erna, L., 428
Gibson, William E., 475
Gilfillan, Rutherford S. 188
Gilles, Hunter, 242
Gillies, John, 193
Giova, C., 335
Girard, J., 583
Gismondi, Tobías, 377
Gittens, S. Aubrey, 550
Glahn, Mogens, 239
Glanton, James B., 66
Glasser, Samuel M., 330
Glenn, Frank, 346
Glenn, William W. L., 131
Gluecksmann, A., 99
Goffrini, Piero, 309
Goidanich, I. F., 285
Gold, M. A., 252
Goldberg, Jacob, 19
Goldblat, A., 194
Goldenberg, Raphael R., 584
Goldman, Joseph L., 341
Goligher, J. C., 255
Gomez, Alphonse, C., 520
González, Abraham Ayala, 342
Goodman, Herbert L., 175
Goormaghtigh, N., 57
Gordet, G., 457
Gordon, Charles A., 54
Gordon, William B., 333
Gott, J. Richard, Jr., 252
Gould, David, M., 406
Gow, J. G., 559
Goyette, Edwin M., 130
Gozzo, Giuseppe, 138
Graham, James M., 248
Grawitz, P. Busse, 324
Gray, Frank D. Jr., 247
Gray, Howard K., 92, 350
Grebe, Hans, 486
Greco, E., 270
Greeley, Paul W., 403
Green, James L., 491
Greenberg, Mervin W., 172
Greenberger, Arthur J., 179
Greenberger, Monroe, E., 179
Greene, Barnett A., 401
Greer, Daniel, 134
Grégoire, M., 549
Grellet, Maurice, 198
Grettve, Sten, 254
Gricouroff, Georges, 204
Griffiths, I. H., 571
Griffitts, James J., 393
Grimson, K. S., 558
Grindlay, John H., 127
Grizi, Giuseppe, 309
Groh, H., 577
Gropper, Arthur L., 521
Grossman, Morton I., 469
Grundmann, Gerhard, 394
Gucker, Thomas, III, 381
Guetgemann, A., 26, 455
Guilhem, P., 164, 484
Guillaume, J., 593
Guilleminet, M., 581
Guiot, G., 11
Gutmann, R. A., 345
Gutteridge, Eric, 118
Guy, Chester C., 149
Guzauskas, Anthony C., 141
Guzzardella, C., 206
Gylling, Martti, 125
Gylling, T., 45

Haberlin, John P., 238
Habif, David V., 412
Haers, R., 254
Hagge, Donald R., 462
Haglund, Göran, 135
Hahn, George A., 271
Haik, George M., 429
Halbert, Seymour P., 429
Hall, Donald W., 359
Hall, Wendell H., 89
Hallberg, Olav E., 8
Halminen, Eero, 363
Halpern, Bernard, 410
Halsted, George O., 590
Hamblen, Edwin C., 578
Hamilton, Joseph E., 393
Hamm, Frank C., 373
Hammond, Carolyn W., 516
Hampton, L. Jennings, 402
Handousa, Ahmad Bey, 115
Hanna, Charles B., 554
Hansen, P. Bjerre, 413
Hardin, Creighton A., 42, 292, 391
Hargreaves, Harold P., 563
Harken, Dwight E., 132
Harlin, Harrison C., 373
Harman, J. B., 454
Harper, Fred R., 456
Harrington, Stuart W., 244
Harris, R. I., 497
Harris, William, 308
Harrison, B. B., 33
Harrison, Charles S., 346
Harrison, G. Kent, 137
Harrison, J. Hartwell, 488
Harrison, R. J., 120, 279
Hartert, J., 479
Hartl, F., 597
Hartl, H., 478
Hartung, L., 549
Hasner, E., 192
Hartman, Clarence R., 154
Hauberg, G., 77
Hauch, Paul P., 306
Haug, Chester A., 505
Hauser, Cyril H., 81
Hawe, Philip, 262
Hayes, Edward W., Jr., 333
Hayward, Joseph C., 66
Healey, John E., Jr., 339

Hébard, H., 66
Heinz, Ian, 563
Heiser, Saul, 202
Hellens, A., von 48
Helpern, M. M., 232
Hempelmann, Louis H., 203
Hendrick, James W., 240
Henning, N., 142
Hendelman, M., 51
Hennessy, James P., 570
Henninger, H., 576
Hepler, Thomas K., 567
Hepp, Jacques, 159
Heptinstall, R. H., 545
Hergarten, H., 100
Hergarten, L., 100
Hermann, Kate, 1
Herndon, Charles H., 71
Herrmann, K. O., 407
Hershberger, Lloyd R., 448
Hershenson, Bert B., 275
Hertz, John, 231
Heyman, Clarence H., 71
Hickson, Barbara, 242
Higgins, Robert S., 45
Hight, Donald, 468
Hill, John R., 149
Hill, Robert P., 357
Hiltz, J. E., 128
Hinton, J. William, 337
Hirdes, J. J., 444, 445
Hirsch, Carl, 500
Hirsch, Oscar, 437
Hirsh, Ira J., 6
Hoffman, Byron J., 279
Hoffman, Elmer, 137
Hoffman, Joseph G., 203
Hoffmann, George T., 417
Hoffmann, Victor, 460
Höjensgård, I. C., 87
Holden, William D., 261
Holle, F., 449
Hollenberg, Henry G., 126
Holmes, Edgar Miller, 322
Hongisto, Sanni, 161
Hopkins, James E. T., 446
Hoppeler, A., 141
Horn, Robert C., Jr., 9
Horrax, Gilbert, 548
Houlton, A. C. L., 234
House, Howard P., 118
Houseworth, J. H., 142
Howard, Alma, 595
Howes, Edward L., 509
Huang, Ts'ui-Ting, 458
Hueston, J. T., 412
Hufnagel, C. A., 247, 392
Hughes, Carl W., 388
Hughes, C. Robert, 305
Hughes, E. S. R., 153, 155
Huguenard, P., 194
Hull, James E., 599
Hurxthal, Lewis M., 519
Huu, Nguyen, 442
Hyman, Selma, 431
Hyslop, Volney B., 119

Ikonomov, Il., 80
Imhaeuser, G., 73
Imperati, Luigi, 285
Inclan, Alberto, 287
Ingalls, Theodore H., 232
Iñigo, J. Rodriguez, 588
Insausti, Tomàs, 329
Ippolito, Anthony, 287
Isaksson, Björn, 260
Iselin, Marc, 443
Islami, Abdol, 309
Isler, W., 78
Ivins, Joseph L., 137
Ivy, Robert H., 237

Jackman, Raymond J., 280
Jackson, A. V., 128
Jackson, C. R. S., 234
Jackson, D. P., 410
Jacobi, J., 247
Jacobs, Arthur, 493
Jacobs, G. J., 596
Jacques, William E., 573
James, Theodore, 180
Janssens, J., 485
Jaretzki, Alfred, III, 391, 412
Jefferson, N. C., 258
Jenkins, S. Aubrey, 549
Jenkinson, Edward L., 200
Jensen, Frederick G., 91
Jensen, Ole J., Jr., 579
Jensenius, Hans, 75
Johanning, Kurt, 378
Johanson, Carl-Erik, 411
Johns, H. E., 411
Johnson, Balbina A., 398
Johnson, James F., 143
Johnson, Louis H., 288
Johnston, Charles G., 40
Johnstone, A. S., 565
Jones, David B., 128
Jones, F. Avery, 565
Jones, H. Everley, 133
Jönsson, Gunnar, 303
Jordan, Claus G., 43
Joseph, J., 416
Joyeux, 158
Jud, Hans, 581
Judd, Edward S. Jr., 465
Julian, Ormand C., 292
Jurewicz, A., 163

Kaeser, O., 363
Kahanpää, V., 45
Kambourakis, John G., 569
Kaplan, Abraham, 82
Kaplan, Melvin S., 196
Karnell, Johan, 303
Keeler, James E., 364
Keeley, John L., 141
Keeley, Robert L. A., 520
Keet, John E., 590
Keil, Philip G., 95
Keith, Haddow M., 241
Kelemen, George, 322
Kendell, H. Worley, 510
Kennedy, R. J., 400
Kepp, R. K., 48
Kerman, Herbert D., 201
Kern, Howard M., 137
Keshishian, John M., 555
Kessler, Henry H., 81
Key, James A., 346
Kieler, Jørgen, 413
Kimbrough, James C., 369
Kinder, C. H., 147
King, Arthur B., 406, 547
King, E. S. J., 124
Kinmonth, J. B., 86, 293
Kinnaird, David W., 393
Kirklin, B. R., 407
Kirsner, Joseph B., 560
Kittle, C. Frederick, 42
Klapp, B., 289
Klein, M., 311
Kleinberg, Samuel, 82
Kleinfeld, Louis, 236
Knipping, H. W., 551
Knowles, Harvey, C., 513
Knudson, Alfred G., Jr., 367
Koeberlé, F., 205
Koenig, Peter, 326
Kohlmayer, Hans, 580
Komins, Cecil, 71
Koncz, Josef, 598, 599
Koontz, Amos R., 251
Kourias, Bas., 260
Kovačević, 387
Kretič, 387
Kretschmer, Herman L., 374
Krohmer, Jack S., 117
Kudner, Donald F., 499
Kühnel, Poul, 472

Laborit, H., 194, 398
Lacour, R., 581
Ladislas, Serafin, 503
Ladstaetter, L., 399
LaDue, John S., 146
Laffitte, A., 159
Lafuente, Adolfo, 519
Lahey, Frank H., 30
Lairy-Bounes, G. C., 11
Landesman, Robert, 51
Lane, Stanley L., 323
Lang, Edgardo, 309
Langenskiöld, A., 380
Langenstrass, Karl H., 5
Langman, J., 248
Lans, Hyman S., 345
Lapidus, Paul W., 498
Large, Alfred, 40
Larget, Paul, 467
Larsson, H., 241
Larsson, Lars-Gunnar, 199
Lataste, J., 471
Lathrop, Frank D., 437
Latscha, B., 402
Latteier, Karl K., 200
Laufer, Maurice W., 293
Lauge-Hansen, N., 501
Laupus, William E., 430
Lavine, Oscar, 5
Laws, John, 207
Lawson, Lawrence J., 544
Lebel, M., 401
Leblanc, M., 401
Leeds, Frank H., 85
Leger, Lucien, 258, 471
Legros, M., 482
Leite, Guilherma Moreira, 263
Leitner, Moses J., 43
Lemaitre, G., 595
Lenègre, J., 295
Leng-Levy, J., 599
Lepan, R., 158
Lepri, Giuseppe, 2
Leriche, René, 123
Leroy, G. V., 410
Levaditi, C., 597
Leventhal, G. S., 584
Levi, G. F., 471
Lévy-Solal, E., 55
Lewis, Evan L., 369
Lewis, George T., 393
Lewis, Lloyd G., 166
Lewisohn, Richard, 462
Lewison, Edward F., 13
Lewy, Raphael, 236
Lezius, A., 452
Lian, C., 295, 434, 439
Liebschner, K., 449
Lièvre, J.-A., 64
Lillie, Richard H., 562
Limbosch, J., 556
Lindahl, Olov., 587
Lindblom, K., 409
Lindenschmidt, Th.-Otto, 158
Lindquist, Inge, 386
Lindström, Nils, 382
Lingley, James R., 468
Linsman, Joseph F., 202
Linton, Robert R., 84
Lippmann, Heinz I., 503
Lisco, Hermann, 203
Little, David L., Jr., 402
Lob, Alfons, 342
Lockard, Vernon M., 512
Locket, S., 233
Lockhart, George, III, 400
Lodewijks, H. B., 36
Loef, John A., 61
Loehr, Berthold, 442, 456
Loeweneck, M., 247
Löfgren, L., 310
Lombard, Herbert L., 568
Long, Perrin H., 432
Longefait, H., 549
Longo, Orlando F., 160
López, J. Varela, 352
Lortat-Jacob, J.-L., 258
Loughry, Charles W., 261
Love, J. Grafton, 241
Lovingood, Charles G., 42, 94, 208
Lowsley, Oswald S., 571
Lubert, Mortimer, 340
Lund, A., 487
Lundy, John S., 92
Lunghi, Franco, 344
Lupton, Charles Hamilton, 298
Lurie, Paul R., 247
Lyall, David, 239
Lyda, Wood, 429
Lynn, R. B., 294
Lyons, John F., 387

Macarini, N., 98
Macbeth, Ronald, 322
MacDowell, Muriel, 102
Macgregor, Agnes, R., 483
MacHale, S. J., 128
Mackintosh, Janet, 416
MacMahon, H. Edward, 573
Madding, Gordon F., 448
Maddox, J. K., 246
Magendie, J., 126
Magill, H. Kelvin, 78
Maingot, Rodney, 358
Malhotra, S. L., 103
Mallet-Guy, P., 156, 467, 468
Maloney, James V., Jr., 196
Malossi, Luigi, 384
Mandel, P., 311
Manuel, Rivera S., 71
Manzi, A., 124
Marcel, J. E., 167
Marchal, 158
Marchetti, Andrew A., 166
Marcozzi, Giovanni, 20
Margotton, R., 28
Marinkovic, Antonio, 198
Marks, Hirsch, 307
Marqués, P., 148
Marquez, Fernando, 368
Marren, Murray, 349
Marshak, Richard H., 144
Marshall, Millard R., 294
Marshall, Samuel F., 30
Marshall, Victor F., 491
Martin, Bruce C., 208
Martin, Charles L., 238
Martin, Hayes, 543
Martin, Mary M., 564
Martin, Peter, 294
Martinuzzi, Danilo, 17
Martorell, Fernando, 190
Marziale, Pietro, 268
Masenti, E., 463
Massart, Raphaël, 379
Massazza, Mario, 163
Masters, Frank W., 562
Matera, Raul F., 11
Mattick, Walter L., 238
Matute, Angel, 73
Mau, C., 98
Maul, Georg, 274
Maurath, J., 551
Maurer, Elmer R., 552
Mauritzen, Knud, 281
Maurizio, Eugenio, 164
Mauro, C., 43
Mauro, Carlo, 553
Maxwell, Doris Bender, 9
Maxwell, J. H., 124
Mayer, Edgar, 16, 550
Mayer, M., 484
Mayer-Gross, W., 242
Mazursky, Milton M., 140
McCleery, Robert S., 87
McCorkle, H. J., 440
McCoy, John M., 154
McCune, William S., 555
McDonald, John R., 490
McDowell, Allyn J., 397
McGarvey, Richard N., 475
McGavack, Thomas Hodge, 433
McGraw, Arthur B., 370
McGovern, Vincent J., 205
McGowan, John, 393
McKeown, K. C., 549
McKissock, Wylie, 123
McKusick, Victor A., 23
McLaren, Hugh C., 266
McLaughlin, Charles W. Jr., 559
McLaughlin, Ralph S., 4
McLean, E. K., 287
McLean, Franklin C., 387
Medlar, Edgar M., 334
Meehan, Donald J., 238
Meigs, Joe V., 49
Meilicke, F. F., 264
Meirowsky, A. M., 62
Meiss, W.-C., 383
Meleney, Frank L., 398
Mendelsohn, Ernest A., 29
Méndelsohn, Harvey, 340
Menéndez, H., 294
Merger, R., 269
Mersheimer, Walter L., 347
Métianu, C., 338
Métras, H., 549
Metzger, James T., 562
Meyer, Karl A., 345
Meyer, Samuel J., 544
Miceli, Roberto, 202
Middleton, Margaret, 568
Mihaly, John P., 550
Milanés, B., 588
Milhiet, H., 159
Millar, E. Joan, 195
Miller, Alexander, 184
Miller, Charles J., 349
Miller, C. Phillip, 516
Miller, G. Gavin, 37
Miller, Joseph M., 432
Milliez, P., 59
Mills, F. H., 246
Mirizzi, P. L., 158
Moccia, Gaetano, 282
Moersch, Herman J., 334
Moeys, E. J., 287
Moffett, A. J., 325
Möller, T., 87
Mollison, P. L., 277
Mollison, P. M., 364
Mondor, Henri, 50
Monro, R. S., 545
Monroy, P. Tulio, 55
Monsaingeon, A., 396
Montrieul, B., 205
Moore, Daniel C., 301
Moore, J. G., 53
Moore, Moore, Jr., 497
Moore, Thomas, 369
Moore, William W., 237
Morfit, H. Mason, 543
Morgan, C. Naunton, 153
Morgan, R. S. 416, 416
Morgan, Thomas W., 208
Morgenthaler, F., 295
Moricard, R., 472
Morley, Harold V., 370
Mosekilde, Eyvind, 98
Moser, R. H., 142
Moses, M. J., 515
Moyson, François, 466, 517
Mudge, Thomas J., 148
Muehlbock, O., 567
Mueller, U., 180
Muellner, S. Richard, 574
Muffang, Yves, 25
Mukherjee, S. R., 490
Mulé, Joseph E., 545
Muricchio, Costantino, 377
Murphy, Edward S., 548
Murphy, James D., 446
Murphy, Rosemary, 519
Murray, Gordon, 21

Nagel, M., 40
Narat, Joseph K., 92
Nazroo, I. A., 233
Nelson, D. H., 409
Nemir, Paul Jr., 147
Nenna, A., 59
Neuhof, Harold, 245
Neuman, Zvi, 154
Nevinny-Stickel, H., 277
Nichols, H. Minor, 251
Nicholson, D., 55
Nicholson, Morris J., 91
Nicolay, Kenneth S., 364
Niedner, Franz F., 340
Nielsen, H.-M., 192
Nisbet, N. W., 207, 385
Noack, Hugdieter, 570
Nobili, Luciano, 269
Norbäck, Bengt, 501
Norcross, John W., 548
Norman, Olof, 408
Norman, Ruskin C., 200
Northoff, F., 247
Novales, Carlos Garcia, 322
Noyez, D., 254
Núñez, Núñez, A., 588
Nylén, Bengt, 7
Nylén, C. O., 7

Ober, Frank R., 72
Oberhelman, Harry A., Jr., 29, 344
Ochsner, Alton, 129, 326
O'Connell, F. B., Jr., 305
O'Connor, Clarence, 6
O'Connor, S. J., 499, 586
O'Conor, Vincent J., 67
Odelberg, Axel, 148
Œconomos, N., 59
Oliva, L., 98, 104
Oliveira, Amarino C., 25
Oliver, Jean, 102
Olivier, Claude, 50, 189
O'Neil, Eugene Everett, 192
Orban, Fernand, 452
Orell, Svante, 499, 500
Ormond, John K., 494
Orr, Louis M., 66
Ostenfeld, Jørgen, 281
Östling, Gustaf, 411
Ostman, Per, 500
Oudot, Jacques, 258
Overholt, Richard H., 134
Ozazewski, John C., 324

Pack, George T., 146, 159
Padovani, Paul, 381
Paegel, Hollis, Jr., 45
Pagliardi, E., 252
Påhlsson, Nils Erik, 270
Paillas, J., 336, 448
Pais, C., 183
Palmer, A. Jean, 246
Palmer, Harold D., 548
Palmer, Walter L., 560
Palomera, Enrique Sanchez, 313
Palumbo, Leonard, 360
Palumbo, Louis T., 140
Panini, Franco, 52
Parker, Edward F., 554
Parks, John, 172
Paroira, Morton D., 355
Parsons, John Robert, Jr., 561
Partington, Philip F., 261
Passarelli, Luigi, 255
Patellani, Eugenio, 206
Patronicolas, P., 454
Patterson, Howard A., 555
Patterson, Marcel, 559, 569
Patton, John F., 573
Paul, R. E., 140
Paulson, Donald L., 127
Paus, Bernhard, 385, 498
Payne, Mary Ann, 351
Pearson, Olof H., 507
Pease, Charles N., 70
Peck, Mordant F., 406
Peck, Sidney J., 172
Pecker, J., 593
Pélot, G., 66
Pendergrass, Eugene P., 511, 514
Penfield, Wilder, 405
Penido, Joao R. F., 336
Penton, R. Sim, 441
Peräsalo, O., 249
Perazzo, Giorgio, 143
Perlstein, Meyer A., 428
Perrini, Francesco, 266
Perryman, Charles R., 511
Pers, Michael, 42
Persky, Lester, 29
Perzik, S. L., 10
Pesce, G., 185
Peters, H., 598
Petkovic, Sava, 280
Pettersson, G., 33, 135, 135, 241
Pfisterer, William H., 200
Philipp, E., 477
Philippe, 148
Philippidès, D., 205
Phillips, C. W., 258
Philpott, N. W., 51
Picard, D., 59
Picchio, A., 183
Piccinno, A., 187
Piccoli, B., 43
Pickering, G. W., 88

Pickrell, Kenneth L., 562
Pierre-Bourgeois, 443
Pietri, 353
Piquinela, José A., 152
Pirart, J., 357
Pirie, Antoinette, 232
Pirkey, Everett L., 201
Pittar, C. A., 4
Piulachs, P., 569
Plandiura, Mariano Bretón, 66
Plotegher, Aldo, 33
Pointon, R. C. S., 286
Pollack, Robert S., 433
Pombo Do Amaral, Jairo, 310
Pons, H., 148
Ponthus, P., 475
Pontonnier, A., 164
Pool, R. M. 352
Porcher, Pierre, 50
Porritt, Sir Arthur, 545
Postlethwait, Raymond W., 554
Pottinger, R. E., 481
Potts, Willis, J., 104
Pou, Jaime F., 14
Poulsen, Thue, 410
Pratt, Gerald H., 507
Pratt, Joseph Hyde, 45
Preshaw, D. E., 40
Pribram, B. O. C., 467
Priestley, Bruno S., 3
Prigot, Aaron, 413
Prior, John T., 128
Probstein, J. G., 355
Proffitt, M. M., 258
Provenzale, L., 358
Puigvert, A., 61, 61
Pulaski, Edwin J., 139, 509
Pullè, Clemente, 56
Pulvertaft, C. N., 31

Quarantillo, Edward P., 1
Quinlan, J. J., 128

Radigan, L. R., 190
Ragnell, A., 520
Raisz, Lawrence G., 521
Rall, J. E., 434
Ramadier, J. O., 584
Ramos, Alberto G. Peralta, 478
Randall, Clyde L., 359
Randall, Henry T., 505
Randall, J. H., 53
Randall, Lawrence M., 567
Randall, Robert E., 288
Randall, Spears, 326
Ránky, László, 389
Ransom, Henry K., 463
Rapp, 256
Rapp, Ira H., 286
Rappaport, Israel, 16
Rascoff, Henry, 140
Ravelli, A., 379
Raven, Ronald W., 545
Rawlings, Maurice S., 154
Rawson, Rulon W., 434
Ray, C. J., 129
Redon, Henri, 198
Reed, Edsel S., 201
Reese, Evan C., 43
Regan, Ellen F., 6
Reggianini, Valerio, 467
Regnĕr, E., 241
Rehbein, Alfredo, 412
Rehn, Joerg, 517
Reid, L. Corsan, 337
Reiss, Eric, 139, 509
Reitman, Paul H., 203
Reitter, Irene, 414
Remouchamps, L., 253
Renner, W., 100
Represa, Luis Antonio, 59
Reynolds, Joyce, 520
Rhoads, Jonathan E., 9
Rhoads, Paul S., 67
Riba, Leander William, 176
Ribbing, S., 305
Rice, Carl O., 91
Richards, N. A., 53
Richardson, John S., 363
Richardson, T. R., 377
Riches, E. W., 493, 571
Rickham, P. P., 197
Ridley, Harold, 235
Riisfeldt, Ove, 167
Riker, William L., 104
Riley, T. Richard 255
Ripstein, Charles B., 37, 141
Ritchie, Saul, 500
Ritter, Ulrich, 499
Ritzenthaler, John C., 364
Robert, H.-G., 258
Robinson, Frank, 427
Rocco, B., 457
Roche, Pat, Jr., 403
Rochet, Pierre, 475
Rodger, F. C., 428
Roger, S., 175
Rollandi, Aristide, 97
Rollin, Georges, 443
Romanes, G. J., 5
Romieu, C., 258
Rooney, James A., 141
Rosa, Pierre, 173
Rose, D. K., 62
Rose, Donald L., 510
Rosenak, B. D., 142
Rosenbaum, Harold D., 559
Ross, Gordon L., 548
Ross, James A., 489
Ross, Robert A., 360
Ross, R. T., 250
Rossi, Benedetto, 14
Rossi, Gian Maria, 20
Roswit, Bernard, 550
Roth, H., 74
Rottino, Antonio, 570
Rouhier, G., 154
Rousselot, Louis M., 590
Roux, G., 256
Roux, Marcel, 468
Rowe, C. R. Jr., 558
Rowe, Robert J., 38
Rubin, Cyrus E., 560
Ruccia, P., 312
Ruette, B. von, 372
Ruffo, Antinio, 26
Ruggiero, Arturo, 457
Ruggiero, Giovanni, 405, 547
Rulla, L., 185, 333
Rundles, R. Wayne, 518
Rush, Benjamin, Jr., 357
Rush, Jack T., 1
Rush, T. W., 86
Russe, Otto, 581
Russell, Liane Brauch, 305
Russell, W. L., 305
Russenberger, G. V., 327
Ryan, Bernard J., 334
Ryan, Hugh, 116
Rycroft, B. W., 5
Rydén, Åke B. V., 408
Rynkiewicz, L. M., 481

Sabadini, L., 63
Sabaino, Dante, 33
Sabbatini, Camillo, 190
Salembier, Y., 158
Salibi, Bahij S., 105
Salner, Nathan P., 514
Saltzman, Samuel L., 5
Salvati, Rino, 377
Samain, A., 300
Sanders, George Benton, 289
Sanders, R. L., 352
Sanders, T. E., 117
Sandusky, William R., 561
Santoro, Anthony J., 584
Santy, P., 28, 442
Sarafoff, Dim., 401, 464
Sarnat, Bernard G., 80
Sautot, J., 588, 588
Sauvage, René, 550
Sawyer, J. G., 252
Sayegh, Émile S., 176
Scalettar, Howard E., 140
Scarborough, Wm. R., 23
Schafer, Paul W., 292
Schaffhauser, F., 368
Schaffner, V. D., 128
Schattner, Alfred, 236
Scheffey, Lewis C., 472
Scheibert, C. D., 62
Schepens, Charles L., 431
Schetlin, Charles F., 239
Schiff, Leon, 143, 513
Schiller, Carl, 288
Schissel, Donald J., 95
Schjøtt-Rivers, E., 266
Schlossman, Abraham, 3
Schmauss, Albert K., 597
Schmerl, Ernst, 233
Schmid, G., 595
Schmid, Luis, 183
Schneider, J., 298
Schroeder, W., 406
Schwartzman, Joel J., 202
Scott, N. Reger, 6
Scoville, A. de, 346, 397
Scuderi, Carlo, 287
Sears, Bernard, 574
Sedgwick, Cornelius E., 122
Seeley, Sam F., 388
Seidlin, S. M., 435
Seillé, Guy, 157
Seligman, Bert, 188
Sellers, Thomas, Benton, 567
Selley, I., 241
Sellors, T. Holmes, 343
Sénèque, J., 468
Sengupta, K. P., 309
Señor, Juan Carlos, 267
Servelle, M., 132
Seulberger, P., 598
Shaeffer, Joseph R., 139
Shaffner, Louis DeS., 449
Shapiro, Nathan, 143, 513
Sharp, George S., 514
Sheinmel, Archie, 330
Sherman, Arthur E., 1
Sherman, Lloyd F., 153
Sherry, Sol, 510
Sherwin, Benjamin, 66
Shingleton, William W., 357
Shipman, J. J., 455
Shorter, Gertrude, 516
Shumacker, H. B., Jr., 190, 193, 293
Shumaker, Edward J., 370
Siewers, Christian F., 586
Silver, Caroll M., 501
Silverman, Frederic N., 408
Silverman, S. Richard, 6
Simeone, F. A., 293
Simon, Gaston-Claude, 50
Simon, Stanley, D., 501
Simonart, J., 283
Simpson, James R., 237
Singh, Bawa P., 481
Siniscal, A. A., 429
Slessor, A. J., 125
Sloan, R. D., 511
Smallpeice, V., 234
Smith, Allan D., 591
Smith, A. N., 161
Smith, Arthur B., 593
Smith, Byron, 430
Smith, Curtis A., 29
Smith, Donald W., 393
Smith, Edwin L., 252
Smith, M. Katharine, 30
Smith, Newton D., 149
Smith, Parke G., 86, 306
Smith, Preben V., 365
Smith, Robert M., 301
Smith, T. B., 286
Smith, William H., 201
Snoddy, William T., 458
Snyder, Howard E., 395
Snyder, Stuart S., 51
Snyder, William H., Jr., 462
Soeur, R., 283
Somerville, Philip, 126
Sonnenschein, Arnold, 290
Sørensen, Hans Rahbek, 245
Soucheray, Philip H., 450
Soulié, P., 132
Soulier, A., 595
Sparrow, A. H., 515
Spennati, Domenico, 447
Spinner, Morton H., 43

Spohn, Kurt, 590
Spriggs, Arthur I., 492
Stack, James K., 290
Staemmler, M., 485
Stahnke, E., 32
Stallard, H. B., 432
Stapleton, J. E., 123
Stark, R. B., 404
State, David, 465
Statland, Harry, 9
Stauffer, James, 45
Stead, William W., 450
Stearns, Maus, 349
Steele, R., 515
Steimlé, R., 205
Stein, I. F. Jr., 345
Stein, Robert, J., 163
Steinberg, Bernhard, 233
Stempien, Stephen J., 557
Stephan, Edouard, 134
Stephen, C. R., 195
Stephenson, Hugh E., Jr., 337
Stephenson, Kathryn Lyle, 519
Stewart, B. D., 456
Stewart, H. L., Jr., 277
Stewart, Marcus J., 377
Stillerman, Manuel L., 428
Stilson, Walter L., 512
Stoll, Georges, 518
Stoll, Peter, 361
Storaasli, John P., 117
Storer, Edward H., 29
Strickler, J. H., 91
Strohl, E. Lee, 156
Stuckey, Edward S., 35
Stuermer, Virginia Mae, 163
Stupnicki, A., 75
Stutz, E., 591
Summerskill, W. H., 428
Sun, P. Y., 440
Sunderland, Douglas A., 349
Susnow, David A., 154
Sutherland, J. W., 281
Svien, Hendrik J., 241
Svien, H. J., 548
Swan, Henry, 130
Swan, Kenneth C., 431
Sweet, Richard Herbert, 23
Sweet, Wm. Herbert, 322
Swenson, Orvar, 573
Swick, Lois S., 429
Swinnen, R. R., 152
Swynnerton, B. F., 32
Szewczyk, Thaddeus S., 234
Tagariello, P., 187, 189
Tagariello, Pietro, 43
Tagliapietra, Bruno, 166
Taiana, Jorge A., 19
Talairach, J., 11
Tamerin, Joseph A., 195
Tan, Charlotte T. C., 309
Tanzer, Radford C., 498
Tavares, Amândio, 440
Tavenner, Michael C., 154
Taylor, Donald, 15
Taylor, H. M., 558
Tedeschi, C. G., 232
Teinturier, J., 584
Tempest, Michael N., 302
Ten Kate, J., 29
Tennison, Charles W., 119
Terruzzi, B., 373
Thackray, A .C., 571
Therkelsen, Frederik, 245
Thistlethwaite, James R., 296, 357
Thomas, Charles I., 117
Thomaschek, Guenter, 362, 366
Thomeret, Georges, 443
Thometz, Robert W., 118
Thoms, Johannes, 202
Thorn, George W., 488
Thorsrud, Gunnar, 494
Tillett, William S., 510
Tolan, John F., 301
Tompkins, Marianne, 516
Toniolo, Silla, 384
Toro, Raul Cifuentes, 476
Torraca, Luigi, 254
Torrey, W. Edward, Jr., 53
Touraine, Y., 588
Tow, P. M., 242
Trabucco, Armando, 368
Tracy, Ann, 102
Tricard, Armand, 345
Tricomi, Gaetano, 96
Troncoso, Manuel Urbie, 234
Trouette, L., 390
Truchaud, M., 401
Truelove, S. C., 32
Tulloh, Harold P., 279
Turner, Henry B., 273
Tyler, Frank H., 563

Ulfelder, Howard, 49
Umansky, A. L., 77
Urist, Marshall R., 387
Urist, Martin J., 3
Ursini, Mario, 162

Vague, Jean, 148
van Alphen, G. W. H. M., 430
Van Demark, Robert E., 180
Vandemoortele, M., 182
Van Den Bosch, 365
Van Den Broucke, C., 365
Van De Walle, J., 300
Van Hove, R., 389
Van Lerberghe, R., 253
Van Wien, Willy, 195
Vara, Paavo, 45, 363
Varangot, J., 482
Vaughn, Arkell M., 295
Vecchietti, Giuseppe, 477
Vest, Samuel A., 62, 371
Vickery, Austin L., 9
Vidal-Barraquer, F., 569
Viereck, H. J., 449
Vieta, John O., 545
Vignes, Henri, 167
Vilain, R., 509
Virgin, W. J., 82
Voelkel, O., 120
Vollmar, Joerg, 504
Voorhees, Arthur B., Jr., 391
Voris, Harold C., 329

Wagenaar, J. W., 324
Wakeley, Sir Cecil, 116
Wakerlin, G. E., 175
Walker, Exum, 237
Walker, James H., 134
Walker, John W., 513
Walker, R. Milnos, 350
Walker, W., 277
Wallace, D. M., 493
Wallner, Linden, J., 545
Walls, Gordon L., 4
Walsh, Anthony, 559
Walsh, Joseph F., 122
Walters, Waltman, 30, 175
Walton, R. J., 493
Wang, Shao-Hsun, 458
Wangensteen, Owen H., 506, 556
Ward, Simon V., 567
Warren, Kenneth W., 160
Warren, Shields, 568
Wasley, Malcolm T., 333
Wasserman, Marvin M., 9
Watson, T. A., 515
Waugh, Richey L., Jr., 429
Wayman, T. Brent, 67
Webster, Jerome P., 237
Weekes, Leroy R., 474
Weichselbaum, Theodore E., 192
Weidner, Michael G., Jr., 87
Weiford, E. C., 305
Weinberg, Arthur, 54
Weinberg, Joseph A., 557
Weinberg, Tobias, 354
Weinstein, Jacob J., 154
Weisel, Wilson, 130
Weiss, A. G., 22, 205
Welbourn, Richard B., 142
Welch, C. Stuart, 264
Welles, Edward S., 334
Welti, Henri, 295
Wenzl, M., 337
Werber, M., 551
Werelius, Carl Y., 149
Werkö, Lars, 133
Werner, Sidney C., 433
Wertheimer, P., 588
West, Philip M., 101
Weston, Sydney Donald, 349
Whipple, Allen O., 470
Whitacre, Frank E., 273
Whitby, Sir Lionel, 263
White, Frederick C., 507
White, James N., 448
White, Mary Louise, 402
Whiteman, Gabriel, 201
Whitesell, Frank B., Jr., 350
Whiteside, John H., 288
Whittemore, Ruth, 131, 247
Whittenberger, James L., 196
Whitty, C. W. M., 242
Wickster, George Z., 276
Wiersma, Alvin F., 47
Wiggins-Davies, W. W., 370
Wilhelm, Seymour F., 494
Wilhelm-Mathis, Lisa, 518
Wilkin, P., 483
Wilkins, Franklin B., 557
Wilkinson, A. W., 494
Wilkinson, K. W., 549
Williams, Ardis M., 404
Williams, D. O., 287
Williams, Mark H., 87, 143
Williams, Roger D., 94, 564
Williams, Walter W., 167
Willmann, K.-H., 594
Wilson, Edward, 487
Wilson, Hugh M., 145
Wimhoefer, H., 474, 479
Winfield, James M., 347
Wing, Elihu S., Jr., 121
Wise, Robert E., 305
Witte, S., 142
Witz, J., 22
Wood, Orlyn, 296
Wood, Paul M., 401
Woodbury, John W., 134
Woodman, De Graaf, 235
Woodruff, Michael F. A., 36
Woodward, Edward R., 29
Woringer, E., 298
Wortham, Edwin, 233
Wright, G. P., 416, 416
Wright, Howard A., 496
Wright, Jane C., 413
Wright, Louis T., 413
Wurch, Théo, 482
Wynn, Sidney, K., 119

Yarborough, John A., 87
Yarnis, Harry, 144
Ybarz, Pedro Larghero, 294, 341
Ybert, P., 482
Young, H. Herman, 289

Zak, G. A., 131
Zañartu, Juan, 578
Zannini, G., 187
Zbinden, H., 414
Zeier, Frank, 75
Zellinger, John J., 13
Zerah, Ch., 34, 141
Zerolo, Jean, 258, 471
Ziesler, Ernst, 137
Zimmerman, Leo M., 139
Zimmermann, Bernard, 506
Zinovieff, Andrew, 82
Zollinger, Robert, M., 564
Zorn, Leo, 330
Zorzi, M., 471

Public Health Service Co-operative Investigation 497

Sub-Committee on Surgica Treatment of Diseases of the Chest, 443